

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Savannah 5102 LaRoche Avenue Savannah, GA 31404 Tel: (912)354-7858

TestAmerica Job ID: 680-115416-1

Client Project/Site: Gold King Mine - Region 9

For:

Weston Solutions, Inc. 1400 Weston Way PO BOX 2653 West Chester, Pennsylvania 19380

Attn: Ms. Gretchen Fodor

Authorized for release by: 8/11/2015 2:44:57 PM

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hele Hoffman

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115416-1

Job ID: 680-115416-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: Gold King Mine - Region 9

Report Number: 680-115416-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 08/10/2015; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.3° C and 2.4° C.

DISSOLVED METALS (ICP)

Samples SJLP-080815-11 (680-115416-1), SJFP-080815-11 (680-115416-2), SJHB-080815-11 (680-115416-3), SJSR-080815-11 (680-115416-4) and 10-25_20150807_RS (680-115416-5) were analyzed for dissolved metals (ICP) in accordance with EPA Method 200.7. The samples were prepared and analyzed on 08/10/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL METALS (ICP)

Samples SJLP-080815-11 (680-115416-1), SJFP-080815-11 (680-115416-2), SJHB-080815-11 (680-115416-3), SJSR-080815-11 (680-115416-4) and 10-25_20150807_RS (680-115416-5) were analyzed for total metals (ICP) in accordance with EPA Method 200.7. The samples were prepared and analyzed on 08/10/2015.

Several analytes failed the recovery criteria low for the MS of sample SJLP-080815-11MS (680-115416-1) in batch 680-395402.

Several analytes failed the recovery criteria low for the MSD of sample SJLP-080815-11MSD (680-115416-1) in batch 680-395402.

Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DISSOLVED METALS (ICPMS)

Samples SJLP-080815-11 (680-115416-1), SJFP-080815-11 (680-115416-2), SJHB-080815-11 (680-115416-3), SJSR-080815-11 (680-115416-4) and 10-25_20150807_RS (680-115416-5) were analyzed for dissolved metals (ICPMS) in accordance with EPA Method 200.8. The samples were prepared on 08/10/2015 and analyzed on 08/11/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL METALS (ICPMS)

Samples SJLP-080815-11 (680-115416-1), SJFP-080815-11 (680-115416-2), SJHB-080815-11 (680-115416-3), SJSR-080815-11 (680-115416-4) and 10-25_20150807_RS (680-115416-5) were analyzed for total metals (ICPMS) in accordance with EPA Method 200.8. The samples were prepared on 08/10/2015 and analyzed on 08/11/2015.

Case Narrative

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115416-1

Job ID: 680-115416-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

Antimony, Antimony, Dissolved, Barium and Barium, Dissolved failed the recovery criteria low for the MS of sample SJLP-080815-11MS (680-115416-1) in batch 680-395503.

Several analytes failed the recovery criteria low for the MSD of sample SJLP-080815-11MSD (680-115416-1) in batch 680-395503.

The presence of the '4' qualifier indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DISSOLVED MERCURY (CVAA)

Samples SJLP-080815-11 (680-115416-1), SJFP-080815-11 (680-115416-2), SJHB-080815-11 (680-115416-3), SJSR-080815-11 (680-115416-4) and 10-25_20150807_RS (680-115416-5) were analyzed for dissolved mercury (CVAA) in accordance with EPA Method 245.1. The samples were prepared and analyzed on 08/10/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL MERCURY

Samples SJLP-080815-11 (680-115416-1), SJFP-080815-11 (680-115416-2), SJHB-080815-11 (680-115416-3), SJSR-080815-11 (680-115416-4) and 10-25_20150807_RS (680-115416-5) were analyzed for total mercury in accordance with EPA Method 245.1. The samples were prepared and analyzed on 08/10/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

ALKALINITY

Samples SJLP-080815-11 (680-115416-1), SJFP-080815-11 (680-115416-2), SJHB-080815-11 (680-115416-3), SJSR-080815-11 (680-115416-4) and 10-25_20150807_RS (680-115416-5) were analyzed for alkalinity in accordance with SM 2320B. The samples were analyzed on 08/10/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL DISSOLVED SOLIDS

Samples SJLP-080815-11 (680-115416-1), SJFP-080815-11 (680-115416-2), SJHB-080815-11 (680-115416-3), SJSR-080815-11 (680-115416-4) and 10-25_20150807_RS (680-115416-5) were analyzed for total dissolved solids in accordance with SM 2540C. The samples were analyzed on 08/10/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL SUSPENDED SOLIDS

Samples SJLP-080815-11 (680-115416-1), SJFP-080815-11 (680-115416-2), SJHB-080815-11 (680-115416-3), SJSR-080815-11 (680-115416-4) and 10-25_20150807_RS (680-115416-5) were analyzed for total suspended solids in accordance with SM 2540D. The samples were analyzed on 08/10/2015 and 08/11/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL HARDNESS (AS CACO3) BY CALCULATION

Samples SJLP-080815-11 (680-115416-1), SJFP-080815-11 (680-115416-2), SJHB-080815-11 (680-115416-3), SJSR-080815-11 (680-115416-4) and 10-25_20150807_RS (680-115416-5) were analyzed for total hardness (as CaCO3) by calculation in accordance with SM 2340B. The samples were analyzed on 08/10/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

CORROSIVITY (PH)

Case Narrative

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

Job ID: 680-115416-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

Samples SJLP-080815-11 (680-115416-1), SJFP-080815-11 (680-115416-2), SJHB-080815-11 (680-115416-3), SJSR-080815-11 (680-115416-4) and 10-25_20150807_RS (680-115416-5) were analyzed for corrosivity (pH) in accordance with SM 4500 H+ B. The samples were analyzed on 08/10/2015.

This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. This sample(s) was performed in the laboratory outside the 15 minute timeframe.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TestAmerica Savannah

TestAmerica Job ID: 680-115416-1

Sample Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115416-1

Lab Sample ID	Client Sample ID	Matrix	Collected Received
680-115416-1	SJLP-080815-11	Water	08/08/15 15:32 08/10/15 07:45
680-115416-2	SJFP-080815-11	Water	08/08/15 18:40 08/10/15 07:45
680-115416-3	SJHB-080815-11	Water	08/08/15 19:10 08/10/15 07:45
680-115416-4	SJSR-080815-11	Water	08/08/15 19:34 08/10/15 07:45
680-115416-5	10-25_20150807_RS	Water	08/07/15 11:30

Method Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115416-1

Method	Method Description	Protocol	Laboratory
200.7 Rev 4.4	Metals (ICP)	EPA	TAL SAV
200.8	Metals (ICP/MS)	EPA	TAL SAV
2340B-2011	Total Hardness (as CaCO3) by calculation	SM	TAL SAV
245.1	Mercury (CVAA)	EPA	TAL SAV
2320B-2011	Alkalinity, Total	SM	TAL SAV
2540 D-2011	Total Suspended Solids Dried at 103-105°C	SM	TAL SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	TAL SAV
4500 H+ B-2011	pH	SM	TAL SAV

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater",

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Definitions/Glossary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115416-1

Qualifiers

Meta	als
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Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
11	Indicates the analyte was analyzed for but not detected

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

RL

200

500

MDL Unit

24 ug/L

25 ug/L

Result Qualifier

28000

64000

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115416-1

Lab Sample ID: 680-115416-1

Prepared

Matrix: Water

08/10/15 09:56 08/10/15 15:22

08/10/15 09:56 08/10/15 15:22

Analyzed

Dil Fac

Client Sample ID: SJLP-080815-11 Date Collected: 08/08/15 15:32

Method: 200.7 Rev 4.4 - Metals (ICP)

Date Received: 08/10/15 07:45

Analyte

Aluminum

Calcium

WW. W. W. 111	0.1000		000		~9, -		00, 10, 10 00.00	00, 10, 10 10.22	•
Iron	29000		50	17	ug/L		08/10/15 09:56	08/10/15 15:22	1
Magnesium	12000		500	33	ug/L		08/10/15 09:56	08/10/15 15:22	1
Potassium	8100		1000	17	ug/L		08/10/15 09:56	08/10/15 15:22	1
Sodium	21000		1000	480	ug/L		08/10/15 09:56	08/10/15 15:22	1
	als (ICP) - Diss	solved							
Analyte	, ,	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24		200	24	ug/L		08/10/15 09:56	08/10/15 16:52	
Calcium, Dissolved	47000		500		ug/L		08/10/15 09:56	08/10/15 16:52	1
Iron, Dissolved	18	J	50	17	ug/L		08/10/15 09:56	08/10/15 16:52	1
Potassium, Dissolved	2400		1000	17	ug/L		08/10/15 09:56	08/10/15 16:52	1
Magnesium, Dissolved	6100		500		ug/L		08/10/15 09:56	08/10/15 16:52	1
Sodium, Dissolved	19000		1000		ug/L		08/10/15 09:56	08/10/15 16:52	1
Method: 200.8 - Metals (ICP)	/MS)								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U F1	1.0	0.40	ug/L		08/10/15 09:56	08/11/15 09:29	1
Arsenic	11		1.0	0.37	ug/L		08/10/15 09:56	08/11/15 09:29	1
Barium	490		2.0	0.14	ug/L		08/10/15 09:56	08/11/15 09:29	1
Beryllium	1.4		0.40		ug/L		08/10/15 09:56	08/11/15 09:29	1
Cadmium	0.35		0.10	0.043	ug/L		08/10/15 09:56	08/11/15 09:29	1
Chromium	14		2.0	1.0	ug/L		08/10/15 09:56	08/11/15 09:29	1
Cobalt	9.9		0.40	0.12	ug/L		08/10/15 09:56	08/11/15 09:29	1
Copper	42		1.0	0.50	-		08/10/15 09:56	08/11/15 09:29	1
Lead	150		0.30	0.060	_		08/10/15 09:56	08/11/15 09:29	1
Manganese	570		2.5		ug/L		08/10/15 09:56	08/11/15 09:29	1
Nickel	13		1.0		ug/L			08/11/15 09:29	1
Selenium	0.74	J	2.0	0.58	-		08/10/15 09:56	08/11/15 09:29	1
Silver	0.96		1.0		ug/L		08/10/15 09:56	08/11/15 09:29	1
Thallium	0.30		0.20		ug/L			08/11/15 09:29	1
Vanadium	34		1.0		ug/L			08/11/15 09:29	1
Zinc	130	F1	20		ug/L			08/11/15 09:29	1
Molybdenum	2.4		1.0		ug/L			08/11/15 09:29	1
: Method: 200.8 - Metals (ICP)	/MS) - Dissolve	ad							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L			08/11/15 11:11	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/10/15 09:56	08/11/15 11:11	1
Barium, Dissolved	61		2.0	0.14	ug/L		08/10/15 09:56	08/11/15 11:11	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/10/15 09:56	08/11/15 11:11	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/10/15 09:56	08/11/15 11:11	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/10/15 09:56	08/11/15 11:11	1
Cobalt, Dissolved	0.12	J	0.40	0.12	ug/L		08/10/15 09:56	08/11/15 11:11	1
Copper, Dissolved	1.5		1.0	0.50	ug/L		08/10/15 09:56	08/11/15 11:11	1
	0.094	J	0.30	0.060	ug/L		08/10/15 09:56	08/11/15 11:11	1
Lead, Dissolved	0.034								
Manganese, Dissolved	5.8		2.5		ug/L		08/10/15 09:56	08/11/15 11:11	1
			2.5 1.0	1.2			08/10/15 09:56 08/10/15 09:56		1 1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115416-1

Client Sample ID: SJLP-080815-11 Lab Sample ID: 680-115416-1

Date Collected: 08/08/15 15:32 Matrix: Water

Date Received: 08/10/15 07:45

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/10/15 09:56	08/11/15 11:11	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/10/15 09:56	08/11/15 11:11	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/10/15 09:56	08/11/15 11:11	1
Vanadium, Dissolved	0.35	J	1.0	0.30	ug/L		08/10/15 09:56	08/11/15 11:11	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/10/15 09:56	08/11/15 11:11	1
Method: 2340B-2011 - Total	Hardness (as	CaCO3) by	calculation						
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	210		3.3	3.3	mg/L			08/10/15 15:22	1
Method: 245.1 - Mercury (C\	/AA)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/10/15 09:17	08/10/15 15:21	1
Method: 245.1 - Mercury (C)	/AA) - Dissolv	/ed							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		08/10/15 12:21	08/10/15 16:28	1
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
рН	8.05	HF			SU			08/10/15 16:07	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	86		5.0	5.0	mg/L			08/10/15 16:07	1
Total Suspended Solids	1300		20	20	mg/L			08/10/15 09:56	1
Total Dissolved Solids	250		10	10	mg/L			08/10/15 11:46	1

RL

200

500

MDL Unit

24 ug/L

25 ug/L

Result Qualifier

22000

60000

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115416-1

Lab Sample ID: 680-115416-2

08/10/15 09:56 08/10/15 15:33

08/10/15 09:56 08/10/15 15:33

Prepared

Matrix: Water

Analyzed

Dil Fac

Client Sample ID: SJFP-080815-11

Method: 200.7 Rev 4.4 - Metals (ICP)

Date Collected: 08/08/15 18:40 Date Received: 08/10/15 07:45

Analyte

Aluminum

Calcium

WW. W. W. 111	00000		000		~9, -		00, 10, 10 00.00	00, 10, 10 10.00	
Iron	25000		50	17	ug/L		08/10/15 09:56	08/10/15 15:33	1
Magnesium	10000		500	33	ug/L		08/10/15 09:56	08/10/15 15:33	1
Potassium	7000		1000	17	ug/L		08/10/15 09:56	08/10/15 15:33	1
Sodium	22000		1000	480	ug/L		08/10/15 09:56	08/10/15 15:33	1
_ Method: 200.7 Rev 4.4 - Met	als (ICP) - Dis	solved							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24		200	24	ug/L		08/10/15 09:56	08/10/15 16:55	
Calcium, Dissolved	50000		500		ug/L		08/10/15 09:56	08/10/15 16:55	1
Iron, Dissolved	17	U	50		ug/L		08/10/15 09:56	08/10/15 16:55	1
Potassium, Dissolved	2400		1000	17	ug/L		08/10/15 09:56	08/10/15 16:55	1
Magnesium, Dissolved	6400		500		ug/L		08/10/15 09:56	08/10/15 16:55	1
Sodium, Dissolved	20000		1000		ug/L		08/10/15 09:56	08/10/15 16:55	1
Method: 200.8 - Metals (ICP)	/MS)								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.59	J	1.0	0.40	ug/L		08/10/15 09:56	08/11/15 09:50	1
Arsenic	11		1.0	0.37	ug/L		08/10/15 09:56	08/11/15 09:50	1
Barium	260		2.0	0.14	ug/L		08/10/15 09:56	08/11/15 09:50	1
Beryllium	0.97		0.40	0.15	ug/L		08/10/15 09:56	08/11/15 09:50	1
Cadmium	0.39		0.10	0.043	ug/L		08/10/15 09:56	08/11/15 09:50	1
Chromium	9.9		2.0	1.0	ug/L		08/10/15 09:56	08/11/15 09:50	1
Cobalt	6.1		0.40	0.12	ug/L		08/10/15 09:56	08/11/15 09:50	1
Copper	46		1.0	0.50	ug/L		08/10/15 09:56	08/11/15 09:50	1
Lead	200		0.30	0.060	ug/L		08/10/15 09:56	08/11/15 09:50	1
Manganese	380		2.5	1.2	ug/L		08/10/15 09:56	08/11/15 09:50	1
Nickel	8.9		1.0	0.40	ug/L		08/10/15 09:56	08/11/15 09:50	1
Selenium	0.98	J	2.0	0.58	ug/L		08/10/15 09:56	08/11/15 09:50	1
Silver	1.4		1.0	0.10	ug/L		08/10/15 09:56	08/11/15 09:50	1
Thallium	0.23		0.20	0.10	ug/L		08/10/15 09:56	08/11/15 09:50	1
Vanadium	27		1.0	0.30	ug/L		08/10/15 09:56	08/11/15 09:50	1
Zinc	130		20	2.8	ug/L		08/10/15 09:56	08/11/15 09:50	1
Molybdenum	3.2		1.0	0.45	ug/L		08/10/15 09:56	08/11/15 09:50	1
Method: 200.8 - Metals (ICP)	/MS) - Dissolv	ed							
Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40		1.0		ug/L			08/11/15 11:15	1
Arsenic, Dissolved	0.37	U	1.0	0.37	•			08/11/15 11:15	1
Barium, Dissolved	66		2.0	0.14	ug/L		08/10/15 09:56	08/11/15 11:15	1
Beryllium, Dissolved	0.15	U	0.40	0.15	-		08/10/15 09:56	08/11/15 11:15	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/10/15 09:56	08/11/15 11:15	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/10/15 09:56	08/11/15 11:15	1
Cobalt, Dissolved	0.13	J	0.40	0.12	ug/L		08/10/15 09:56	08/11/15 11:15	1
Copper, Dissolved	1.5		1.0	0.50	ug/L		08/10/15 09:56	08/11/15 11:15	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/10/15 09:56	08/11/15 11:15	1
Manganese, Dissolved	4.6		2.5	1.2	ug/L		08/10/15 09:56	08/11/15 11:15	1
manganese, Dissolved	710								
Molybdenum, Dissolved	1.7		1.0		ug/L		08/10/15 09:56	08/11/15 11:15	1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115416-1

Client Sample ID: SJFP-080815-11 Lab Sample ID: 680-115416-2

Date Collected: 08/08/15 18:40 Matrix: Water

Date Received: 08/10/15 07:45

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/10/15 09:56	08/11/15 11:15	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/10/15 09:56	08/11/15 11:15	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/10/15 09:56	08/11/15 11:15	
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/10/15 09:56	08/11/15 11:15	•
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/10/15 09:56	08/11/15 11:15	
Method: 2340B-2011 - Total	Hardness (as	CaCO3) by	calculation	l					
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	190		3.3	3.3	mg/L			08/10/15 15:33	
Method: 245.1 - Mercury (CV	/AA)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/10/15 09:17	08/10/15 15:30	-
Method: 245.1 - Mercury (CV	/AA) - Dissolv	/ed							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		08/10/15 12:21	08/10/15 16:31	,
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
рН	8.06	HF			SU			08/10/15 16:14	•
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	84		5.0	5.0	mg/L			08/10/15 16:14	
Total Suspended Solids	680		20	20	mg/L			08/11/15 08:37	

RL

200

MDL Unit

24 ug/L

Result Qualifier

30000

Client: Weston Solutions, Inc.

Analyte

Aluminum

Project/Site: Gold King Mine - Region 9

Client Sample ID: SJHB-080815-11

Method: 200.7 Rev 4.4 - Metals (ICP)

TestAmerica Job ID: 680-115416-1

Lab Sample ID: 680-115416-3

08/10/15 09:56 08/10/15 15:37

Prepared

Matrix: Water

Analyzed

Dil Fac

Date Collected: 08/08/15 19:10 Date Received: 08/10/15 07:45

Calcium	77000		500	25	ug/L		08/10/15 09:56	08/10/15 15:37	1
Iron	36000		50	17	ug/L		08/10/15 09:56	08/10/15 15:37	1
Magnesium	13000		500	33	ug/L		08/10/15 09:56	08/10/15 15:37	1
Potassium	8700		1000	17	ug/L		08/10/15 09:56	08/10/15 15:37	1
Sodium	23000		1000	480	ug/L		08/10/15 09:56	08/10/15 15:37	1
_ Method: 200.7 Rev 4.4 - Meta	ale (ICD) ₌ Nie	solved							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24	U -	200	24	ug/L		•	08/10/15 16:59	
Calcium, Dissolved	54000		500		ug/L		08/10/15 09:56	08/10/15 16:59	1
Iron, Dissolved	17	U	50		ug/L		08/10/15 09:56	08/10/15 16:59	1
Potassium, Dissolved	2500		1000	17	ug/L		08/10/15 09:56	08/10/15 16:59	1
Magnesium, Dissolved	6900		500		ug/L		08/10/15 09:56	08/10/15 16:59	1
Sodium, Dissolved	22000		1000	480	ug/L		08/10/15 09:56	08/10/15 16:59	1
 Method: 200.8 - Metals (ICP/	MS)								
Analyte	,	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.51	J	1.0	0.40	ug/L		08/10/15 09:56	08/11/15 09:54	1
Arsenic	14		1.0	0.37	ug/L		08/10/15 09:56	08/11/15 09:54	1
Barium	570		2.0	0.14	ug/L		08/10/15 09:56	08/11/15 09:54	1
Beryllium	1.8		0.40	0.15	ug/L		08/10/15 09:56	08/11/15 09:54	1
Cadmium	0.51		0.10	0.043	ug/L		08/10/15 09:56	08/11/15 09:54	1
Chromium	16		2.0	1.0	ug/L		08/10/15 09:56	08/11/15 09:54	1
Cobalt	13		0.40	0.12	ug/L		08/10/15 09:56	08/11/15 09:54	1
Copper	61		1.0	0.50	ug/L		08/10/15 09:56	08/11/15 09:54	1
Lead	250		0.30	0.060	ug/L		08/10/15 09:56	08/11/15 09:54	1
Manganese	940		2.5	1.2	ug/L		08/10/15 09:56	08/11/15 09:54	1
Nickel	16		1.0	0.40	ug/L		08/10/15 09:56	08/11/15 09:54	1
Selenium	1.5	J	2.0	0.58	ug/L		08/10/15 09:56	08/11/15 09:54	1
Silver	1.6		1.0	0.10	ug/L		08/10/15 09:56	08/11/15 09:54	1
Thallium	0.35		0.20	0.10	ug/L		08/10/15 09:56	08/11/15 09:54	1
Vanadium	41		1.0	0.30	ug/L		08/10/15 09:56	08/11/15 09:54	1
Zinc	170		20	2.8	ug/L		08/10/15 09:56	08/11/15 09:54	1
Molybdenum	3.0		1.0	0.45	ug/L		08/10/15 09:56	08/11/15 09:54	1
 Method: 200.8 - Metals (ICP/	MS) - Dissolv	ad							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/10/15 09:56	08/11/15 11:20	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/10/15 09:56	08/11/15 11:20	1
Barium, Dissolved	67		2.0	0.14	ug/L		08/10/15 09:56	08/11/15 11:20	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/10/15 09:56	08/11/15 11:20	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/10/15 09:56	08/11/15 11:20	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/10/15 09:56	08/11/15 11:20	1
Cobalt, Dissolved	0.12	U	0.40	0.12			08/10/15 09:56	08/11/15 11:20	1
Copper, Dissolved	1.7		1.0	0.50			08/10/15 09:56	08/11/15 11:20	1
Lead, Dissolved	0.060	U	0.30	0.060			08/10/15 09:56	08/11/15 11:20	1
zoda, Biocontoa									
	1.2		2.5		ug/L		08/10/15 09:56	08/11/15 11:20	1
Manganese, Dissolved Molybdenum, Dissolved					ug/L			08/11/15 11:20 08/11/15 11:20	1 1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115416-1

Client Sample ID: SJHB-080815-11 Lab Sample ID: 680-115416-3

Date Collected: 08/08/15 19:10 Matrix: Water

Date Received: 08/10/15 07:45

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/10/15 09:56	08/11/15 11:20	
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/10/15 09:56	08/11/15 11:20	
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/10/15 09:56	08/11/15 11:20	
Vanadium, Dissolved	0.34	J	1.0	0.30	ug/L		08/10/15 09:56	08/11/15 11:20	
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/10/15 09:56	08/11/15 11:20	
Method: 2340B-2011 - Total	Hardness (as	CaCO3) by	calculation						
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total Hardness	250		3.3	3.3	mg/L			08/10/15 15:37	
Method: 245.1 - Mercury (C	VAA)								
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury	0.080	U	0.20	0.080	ug/L		08/10/15 09:17	08/10/15 15:33	
Method: 245.1 - Mercury (C	VAA) - Dissolv	/ed							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		08/10/15 12:21	08/10/15 16:35	
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fa
рН	7.99	HF			SU			08/10/15 16:32	
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
Alkalinity	82		5.0	5.0	mg/L			08/10/15 16:32	
Total Suspended Solids	2900		33	33	mg/L			08/11/15 08:37	
Total Dissolved Solids	290		10	10	mg/L			08/10/15 11:46	

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115416-1

Date Collected: 08/08/15 19:34 Matrix: Water

Date Received: 08/10/15 07:45

Wethod: 200.7 Rev 4.4 - Meta	٠,				•• •4	_	_		
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil F
Aluminum	42000		200		ug/L			08/10/15 15:41	
Calcium	74000		500		ug/L			08/10/15 15:41	
ron	36000		50		ug/L			08/10/15 15:41	
/lagnesium	16000		500		ug/L			08/10/15 15:41	
Potassium	9500		1000		ug/L			08/10/15 15:41	
Sodium	28000		1000	480	ug/L		08/10/15 09:56	08/10/15 15:41	
Wethod: 200.7 Rev 4.4 - Meta	als (ICP) - Dis	solved							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Muminum, Dissolved	610		200	24	ug/L		08/10/15 09:56	08/10/15 17:03	
Calcium, Dissolved	50000		500	25	ug/L		08/10/15 09:56	08/10/15 17:03	
ron, Dissolved	360		50	17	ug/L		08/10/15 09:56	08/10/15 17:03	
Potassium, Dissolved	2600		1000	17	ug/L		08/10/15 09:56	08/10/15 17:03	
Magnesium, Dissolved	6400		500	33	ug/L		08/10/15 09:56	08/10/15 17:03	
odium, Dissolved	25000		1000		ug/L			08/10/15 17:03	
Method: 200.8 - Metals (ICP/	MS)								
Analyte	Result	Qualifier	RL	MDL		D	Prepared	Analyzed	Dil F
ntimony	0.40	U	1.0	0.40			08/10/15 09:56	08/11/15 10:07	
rsenic	7.2		1.0	0.37	ug/L			08/11/15 10:07	
arium	640		2.0	0.14	•		08/10/15 09:56	08/11/15 10:07	
eryllium	2.3		0.40	0.15	ug/L		08/10/15 09:56	08/11/15 10:07	
admium	0.19		0.10	0.043	ug/L		08/10/15 09:56	08/11/15 10:07	
Chromium	22		2.0	1.0	ug/L		08/10/15 09:56	08/11/15 10:07	
obalt	17		0.40	0.12	ug/L		08/10/15 09:56	08/11/15 10:07	
Copper	36		1.0	0.50	ug/L		08/10/15 09:56	08/11/15 10:07	
ead	32		0.30	0.060	ug/L		08/10/15 09:56	08/11/15 10:07	
/langanese	810		2.5	1.2	ug/L		08/10/15 09:56	08/11/15 10:07	
lickel	22		1.0	0.40	-		08/10/15 09:56	08/11/15 10:07	
Selenium	1.3	J	2.0	0.58	-		08/10/15 09:56	08/11/15 10:07	
ilver	0.12		1.0	0.10				08/11/15 10:07	
hallium	0.43	•	0.20	0.10	-			08/11/15 10:07	
anadium	50		1.0	0.30	•			08/11/15 10:07	
inc	100		20		ug/L			08/11/15 10:07	
//olybdenum	1.2		1.0	0.45	_			08/11/15 10:07	
Method: 200.8 - Metals (ICP/	MC\ Dissolv	~4							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/10/15 09:56	08/11/15 11:24	
Arsenic, Dissolved	0.84	J	1.0	0.37	ug/L		08/10/15 09:56	08/11/15 11:24	
arium, Dissolved	68		2.0	0.14	ug/L		08/10/15 09:56	08/11/15 11:24	
eryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/10/15 09:56	08/11/15 11:24	
admium, Dissolved	0.043	U	0.10	0.043	ug/L		08/10/15 09:56	08/11/15 11:24	
Chromium, Dissolved	1.0		2.0		ug/L			08/11/15 11:24	
Cobalt, Dissolved	0.29		0.40		ug/L			08/11/15 11:24	
Copper, Dissolved	2.1	=	1.0	0.50				08/11/15 11:24	
ead, Dissolved	0.51		0.30	0.060	-			08/11/15 11:24	
langanese, Dissolved	13		2.5		ug/L			08/11/15 11:24	
lolybdenum, Dissolved	1.6		1.0		ug/L			08/11/15 11:24	

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115416-1

Client Sample ID: SJSR-080815-11 Lab Sample ID: 680-115416-4

Date Collected: 08/08/15 19:34 Matrix: Water

Date Received: 08/10/15 07:45

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/10/15 09:56	08/11/15 11:24	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/10/15 09:56	08/11/15 11:24	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/10/15 09:56	08/11/15 11:24	1
Vanadium, Dissolved	2.0		1.0	0.30	ug/L		08/10/15 09:56	08/11/15 11:24	1
Zinc, Dissolved	5.1	J	20	2.8	ug/L		08/10/15 09:56	08/11/15 11:24	1
Method: 2340B-2011 - Total	Hardness (as	CaCO3) by	calculation	l					
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	250		3.3	3.3	mg/L			08/10/15 15:41	1
Method: 245.1 - Mercury (C\	/AA)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/10/15 09:17	08/10/15 15:36	1
Method: 245.1 - Mercury (C\	/AA) - Dissolv	ved							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		08/10/15 12:21	08/10/15 16:38	1
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
рН	8.10	HF			SU			08/10/15 16:38	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	94		5.0	5.0	mg/L			08/10/15 16:38	
Total Suspended Solids	2600		33	33	mg/L			08/11/15 08:37	•

RL

MDL Unit

D

Prepared

Result Qualifier

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

Method: 200.7 Rev 4.4 - Metals (ICP)

Client Sample ID: 10-25_20150807_RS

TestAmerica Job ID: 680-115416-1

Lab Sample ID: 680-115416-5

Matrix: Water

Analyzed

Dil Fac

Date Collected: 08/07/15 11:30 Date Received: 08/10/15 07:45

Analyte

•							•	•	
Aluminum	21000		200	24	ug/L		08/10/15 09:56	08/10/15 15:45	1
Calcium	68000		500	25	ug/L		08/10/15 09:56	08/10/15 15:45	1
Iron	16000		50	17	ug/L		08/10/15 09:56	08/10/15 15:45	1
Magnesium	12000		500	33	ug/L		08/10/15 09:56	08/10/15 15:45	1
Potassium	6600		1000	17	ug/L		08/10/15 09:56	08/10/15 15:45	1
Sodium	25000		1000	480	ug/L		08/10/15 09:56	08/10/15 15:45	1
Method: 200.7 Rev 4.4 - Met	als (ICP) - Dis	solved							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24	U	200	24	ug/L		08/10/15 09:56	08/10/15 17:07	1
Calcium, Dissolved	56000		500	25	ug/L		08/10/15 09:56	08/10/15 17:07	1
Iron, Dissolved	17	U	50	17	ug/L		08/10/15 09:56	08/10/15 17:07	1
Potassium, Dissolved	2500		1000	17	ug/L		08/10/15 09:56	08/10/15 17:07	1
Magnesium, Dissolved	7300		500	33	ug/L		08/10/15 09:56	08/10/15 17:07	1
Sodium, Dissolved	23000		1000	480	ug/L		08/10/15 09:56	08/10/15 17:07	1
Method: 200.8 - Metals (ICP	/MS)								
Analyte	Result	Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/10/15 09:56	08/11/15 10:11	1
Arsenic	3.7		1.0	0.37	ug/L		08/10/15 09:56	08/11/15 10:11	1
Barium	330		2.0	0.14	ug/L		08/10/15 09:56	08/11/15 10:11	1
Beryllium	0.93		0.40	0.15	ug/L		08/10/15 09:56	08/11/15 10:11	1
Cadmium	0.20		0.10	0.043	ug/L		08/10/15 09:56	08/11/15 10:11	1
Chromium	11		2.0	1.0	ug/L		08/10/15 09:56	08/11/15 10:11	1
Cobalt	7.4		0.40	0.12	ug/L		08/10/15 09:56	08/11/15 10:11	1
Copper	17		1.0	0.50	ug/L		08/10/15 09:56	08/11/15 10:11	1
Lead	15		0.30	0.060	ug/L		08/10/15 09:56	08/11/15 10:11	1
Manganese	390		2.5	1.2	ug/L		08/10/15 09:56	08/11/15 10:11	1
Nickel	10		1.0	0.40	ug/L		08/10/15 09:56	08/11/15 10:11	1
Selenium	0.74	J	2.0	0.58	ug/L		08/10/15 09:56	08/11/15 10:11	1
Silver	0.10		1.0	0.10	ug/L		08/10/15 09:56	08/11/15 10:11	1
Thallium	0.18	J	0.20	0.10	ug/L		08/10/15 09:56	08/11/15 10:11	1
Vanadium	25		1.0	0.30	ug/L		08/10/15 09:56	08/11/15 10:11	1
Zinc	57		20	2.8	ug/L		08/10/15 09:56	08/11/15 10:11	1
Molybdenum	1.5		1.0	0.45	ug/L		08/10/15 09:56	08/11/15 10:11	1
Method: 200.8 - Metals (ICP	/MS) - Dissolv	ed							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/10/15 09:56	08/11/15 11:28	1
Arsenic, Dissolved	0.56	J	1.0	0.37	ug/L		08/10/15 09:56	08/11/15 11:28	1
Barium, Dissolved	68		2.0	0.14	ug/L		08/10/15 09:56	08/11/15 11:28	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/10/15 09:56	08/11/15 11:28	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/10/15 09:56	08/11/15 11:28	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/10/15 09:56	08/11/15 11:28	1
Cobalt, Dissolved	0.96		0.40	0.12			08/10/15 09:56	08/11/15 11:28	1
Copper, Dissolved	1.2		1.0	0.50	ug/L		08/10/15 09:56	08/11/15 11:28	1
Lead, Dissolved	0.093	J	0.30	0.060			08/10/15 09:56	08/11/15 11:28	1
							00110115 00 50	0044445	1
Manganese, Dissolved	3.3		2.5	1.2	ug/L		08/10/15 09:56	08/11/15 11:28	ı
Manganese, Dissolved Molybdenum, Dissolved	3.3 1.5		2.5 1.0	1.2 0.45	-			08/11/15 11:28 08/11/15 11:28	1

Client: Weston Solutions, Inc.

Date Collected: 08/07/15 11:30

Project/Site: Gold King Mine - Region 9

Client Sample ID: 10-25_20150807_RS

TestAmerica Job ID: 680-115416-1

Lab Sample ID: 680-115416-5

Matrix: Water

Method: 200.8 - Metals (ICP	/MS) - Dissolv	ed (Continu	ued)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/10/15 09:56	08/11/15 11:28	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/10/15 09:56	08/11/15 11:28	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/10/15 09:56	08/11/15 11:28	1
Vanadium, Dissolved	1.3		1.0	0.30	ug/L		08/10/15 09:56	08/11/15 11:28	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/10/15 09:56	08/11/15 11:28	1
Method: 2340B-2011 - Total	Hardness (as	CaCO3) by	calculatior	1					
Analyte		Qualifier [°]	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	220		3.3	3.3	mg/L			08/10/15 15:45	1
Method: 245.1 - Mercury (C Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	-	0.20				•		Dir i de
		O	0.20	0.080	ug/L		08/10/15 09:17	08/10/15 15:39	1
Method: 245.1 - Mercury (C Analyte Mercury, Dissolved	VAA) - Dissolv	/ed Qualifier	RL 0.20	0.080 MDL 0.080	Unit	<u>D</u>	Prepared 08/10/15 12:21	Analyzed 08/10/15 16:41	Dil Fac
: Method: 245.1 - Mercury (C Analyte	VAA) - Dissolv Result	/ed Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: 245.1 - Mercury (C Analyte Mercury, Dissolved	VAA) - Dissolv Result 0.080	/ed Qualifier	RL	MDL	Unit ug/L	D_	Prepared	Analyzed	Dil Fac
Method: 245.1 - Mercury (C Analyte Mercury, Dissolved General Chemistry	VAA) - Dissolv Result 0.080	/ed Qualifier U	RL 0.20	MDL 0.080	Unit ug/L		Prepared 08/10/15 12:21	Analyzed 08/10/15 16:41	1
Method: 245.1 - Mercury (C Analyte Mercury, Dissolved General Chemistry Analyte	VAA) - Dissolv Result 0.080 Result 8.18	/ed Qualifier U	RL 0.20	MDL 0.080	Unit ug/L Unit SU		Prepared 08/10/15 12:21	Analyzed 08/10/15 16:41 Analyzed	1
Method: 245.1 - Mercury (C Analyte Mercury, Dissolved General Chemistry Analyte pH Analyte	VAA) - Dissolv Result 0.080 Result 8.18	/ed Qualifier U Qualifier	RL 0.20 NONE	MDL 0.080 NONE	Unit ug/L Unit SU	D	Prepared 08/10/15 12:21 Prepared	Analyzed 08/10/15 16:41 Analyzed 08/10/15 16:47	Dil Fac
Method: 245.1 - Mercury (C Analyte Mercury, Dissolved General Chemistry Analyte pH	VAA) - Dissolv Result 0.080 Result 8.18 Result	/ed Qualifier U Qualifier	RL 0.20 NONE	MDL 0.080 NONE RL 5.0	Unit ug/L Unit SU Unit	D	Prepared 08/10/15 12:21 Prepared	Analyzed 08/10/15 16:41 Analyzed 08/10/15 16:47 Analyzed	Dil Fac

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 680-395264/1-A Client Sample ID: Method Blank Matrix: Water Prep Type: Total/NA

Analysis Batch: 395402 Prep Batch: 395264

•	MB	MB						*	
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/10/15 09:55	08/10/15 15:09	1
Aluminum, Dissolved	24	U	200	24	ug/L		08/10/15 09:55	08/10/15 15:09	1
Calcium	25	U	500	25	ug/L		08/10/15 09:55	08/10/15 15:09	1
Calcium, Dissolved	25	U	500	25	ug/L		08/10/15 09:55	08/10/15 15:09	1
Iron	17	U	50	17	ug/L		08/10/15 09:55	08/10/15 15:09	1
Iron, Dissolved	17	U	50	17	ug/L		08/10/15 09:55	08/10/15 15:09	1
Magnesium	33	U	500	33	ug/L		08/10/15 09:55	08/10/15 15:09	1
Magnesium, Dissolved	33	U	500	33	ug/L		08/10/15 09:55	08/10/15 15:09	1
Potassium	17	U	1000	17	ug/L		08/10/15 09:55	08/10/15 15:09	1
Potassium, Dissolved	17	U	1000	17	ug/L		08/10/15 09:55	08/10/15 15:09	1
Sodium	480	U	1000	480	ug/L		08/10/15 09:55	08/10/15 15:09	1
Sodium, Dissolved	480	U	1000	480	ug/L		08/10/15 09:55	08/10/15 15:09	1

Lab Sample ID: LCS 680-395264/2-A Client Sample ID: Lab Control Sample Matrix: Water Prep Type: Total/NA

Analysis Batch: 395402 Prep Batch: 395264

_	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Aluminum	2000	2120		ug/L		106	85 _ 115	
Aluminum, Dissolved	2000	2120		ug/L		106	85 _ 115	
Calcium	2000	2200		ug/L		110	85 - 115	
Calcium, Dissolved	2000	2200		ug/L		110	85 _ 115	
Iron	2000	2070		ug/L		103	85 - 115	
Iron, Dissolved	2000	2070		ug/L		103	85 ₋ 115	
Magnesium	2000	2040		ug/L		102	85 - 115	
Magnesium, Dissolved	2000	2040		ug/L		102	85 - 115	
Potassium	2000	2270		ug/L		113	85 - 115	
Potassium, Dissolved	2000	2270		ug/L		113	85 - 115	
Sodium	2000	1960		ug/L		98	85 - 115	
Sodium, Dissolved	2000	1960		ug/L		98	85 - 115	

Lab Sample ID: 680-115416-1 MS Client Sample ID: SJLP-080815-11 Matrix: Water

Prep Type: Total/NA

Analysis Batch: 395402	Sample	Sample	Spike	MS	MS				Prep Batch: 395264 %Rec.
Analyte	•	Qualifier	Added		Qualifier	Unit	D	%Rec	Limits
Aluminum	28000		2000	29400	4	ug/L		79	75 - 125
Aluminum, Dissolved	28000		2000	29400	4	ug/L		79	75 ₋ 125
Calcium	64000		2000	63100	4	ug/L		-38	75 ₋ 125
Calcium, Dissolved	64000		2000	63100	4	ug/L		-38	75 - 125
Iron	29000		2000	29100	4	ug/L		-6	75 - 125
Iron, Dissolved	29000		2000	29100	4	ug/L		-6	75 ₋ 125
Magnesium	12000		2000	13100	4	ug/L		67	75 - 125
Magnesium, Dissolved	12000		2000	13100	4	ug/L		67	75 ₋ 125
Potassium	8100		2000	9930	4	ug/L		93	75 ₋ 125
Potassium, Dissolved	8100		2000	9930	4	ug/L		93	75 - 125
Sodium	21000		2000	21900	4	ug/L		63	75 ₋ 125
Sodium, Dissolved	21000		2000	21900	4	ug/L		63	75 - 125

Client: Weston Solutions, Inc. Project/Site: Gold King Mine - Region 9

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 680-115416-1 MSI Matrix: Water Analysis Batch: 395402)					Client	Sampl	e ID: SJLI Prep Ty _l Prep Ba	oe: Tot	al/NA
Sai	nple Sampl	e Spike	MSD	MSD				%Rec.		RPD
Analyte Ro	sult Qualif	ier Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Aluminum 2	8000	2000	27500	4	ug/L		-19	75 - 125	7	20
Aluminum, Dissolved 2	8000	2000	27500	4	ug/L		-19	75 - 125	7	20
Calcium 6	1000	2000	62400	4	ug/L		-72	75 - 125	1	20
Calcium, Dissolved 6	1000	2000	62400	4	ug/L		-72	75 - 125	1	20
Iron 2	000	2000	27400	4	ug/L		-95	75 - 125	6	20
Iron, Dissolved 2	000	2000	27400	4	ug/L		-95	75 - 125	6	20
Magnesium 1	2000	2000	12700	4	ug/L		47	75 - 125	3	20
Magnesium, Dissolved 1:	2000	2000	12700	4	ug/L		47	75 - 125	3	20
Potassium	3100	2000	9470	4	ug/L		70	75 - 125	5	20
Potassium, Dissolved	3100	2000	9470	4	ug/L		70	75 - 125	5	20
Sodium 2	000	2000	21600	4	ug/L		45	75 - 125	2	20
Sodium, Dissolved 2	000	2000	21600	4	ug/L		45	75 - 125	2	20

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 680-395259/1-A

Matrix: Water

Client Sample ID: Method Blank

Prep Type: Total/NA

Analysis Batch: 395503 Prep Batch: 395259

Analysis Batch: 395503	MB	MB						Prep Batch:	333 233
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/10/15 09:55	08/11/15 09:17	1
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/10/15 09:55	08/11/15 09:17	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/10/15 09:55	08/11/15 09:17	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/10/15 09:55	08/11/15 09:17	1
Barium	0.14	U	2.0	0.14	ug/L		08/10/15 09:55	08/11/15 09:17	1
Barium, Dissolved	0.14	U	2.0	0.14	ug/L		08/10/15 09:55	08/11/15 09:17	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/10/15 09:55	08/11/15 09:17	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/10/15 09:55	08/11/15 09:17	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/10/15 09:55	08/11/15 09:17	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/10/15 09:55	08/11/15 09:17	1
Chromium	1.0	U	2.0	1.0	ug/L		08/10/15 09:55	08/11/15 09:17	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/10/15 09:55	08/11/15 09:17	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/10/15 09:55	08/11/15 09:17	1
Cobalt, Dissolved	0.12	U	0.40	0.12	ug/L		08/10/15 09:55	08/11/15 09:17	1
Copper	0.50	U	1.0	0.50	ug/L		08/10/15 09:55	08/11/15 09:17	1
Copper, Dissolved	0.50	U	1.0	0.50	ug/L		08/10/15 09:55	08/11/15 09:17	1
Lead	0.060	U	0.30	0.060	ug/L		08/10/15 09:55	08/11/15 09:17	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/10/15 09:55	08/11/15 09:17	1
Manganese	1.2	U	2.5	1.2	ug/L		08/10/15 09:55	08/11/15 09:17	1
Manganese, Dissolved	1.2	U	2.5	1.2	ug/L		08/10/15 09:55	08/11/15 09:17	1
Nickel	0.40	U	1.0	0.40	ug/L		08/10/15 09:55	08/11/15 09:17	1
Nickel, Dissolved	0.40	U	1.0	0.40	ug/L		08/10/15 09:55	08/11/15 09:17	1
Selenium	0.58	U	2.0	0.58	ug/L		08/10/15 09:55	08/11/15 09:17	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/10/15 09:55	08/11/15 09:17	1
Silver	0.10	U	1.0	0.10	ug/L		08/10/15 09:55	08/11/15 09:17	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/10/15 09:55	08/11/15 09:17	1
Thallium	0.10	U	0.20	0.10	ug/L		08/10/15 09:55	08/11/15 09:17	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/10/15 09:55	08/11/15 09:17	1

Client: Weston Solutions, Inc. Project/Site: Gold King Mine - Region 9

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-395259/1-A Client Sample ID: Method Blank Matrix: Water Prep Type: Total/NA

Analysis Batch: 395503 Prep Batch: 395259

Dil Fac
1
1
1
1
1
1

Lab Sample ID: LCS 680-395259/2-A Client Sample ID: Lab Control Sample Matrix: Water Prep Type: Total/NA Analysis Batch: 395503 Prep Batch: 395259

Analysis Batch: 395503	Spike	LCS	LCS				Prep Ba %Rec.	itch: 395259
Analyte	Added		Qualifier	Unit	D	%Rec	Limits	
Antimony	20.0	21.1		ug/L		105	85 - 115	
Antimony, Dissolved	20.0	21.1		ug/L		105	85 - 115	
Arsenic	40.0	40.5		ug/L		101	85 - 115	
Arsenic, Dissolved	40.0	40.5		ug/L		101	85 - 115	
Barium	40.0	40.7		ug/L		102	85 - 115	
Barium, Dissolved	40.0	40.7		ug/L		102	85 - 115	
Beryllium	20.0	20.6		ug/L		103	85 - 115	
Beryllium, Dissolved	20.0	20.6		ug/L		103	85 - 115	
Cadmium	20.0	20.8		ug/L		104	85 - 115	
Cadmium, Dissolved	20.0	20.8		ug/L		104	85 - 115	
Chromium	40.0	40.6		ug/L		102	85 - 115	
Chromium, Dissolved	40.0	40.6		ug/L		102	85 - 115	
Cobalt	20.0	21.5		ug/L		108	85 - 115	
Cobalt, Dissolved	20.0	21.5		ug/L		108	85 - 115	
Copper	40.0	38.9		ug/L		97	85 - 115	
Copper, Dissolved	40.0	38.9		ug/L		97	85 - 115	
Lead	200	199		ug/L		99	85 - 115	
Lead, Dissolved	200	199		ug/L		99	85 - 115	
Manganese	200	200		ug/L		100	85 - 115	
Manganese, Dissolved	200	200		ug/L		100	85 - 115	
Nickel	40.0	40.7		ug/L		102	85 - 115	
Nickel, Dissolved	40.0	40.7		ug/L		102	85 - 115	
Selenium	40.0	41.2		ug/L		103	85 - 115	
Selenium, Dissolved	40.0	41.2		ug/L		103	85 - 115	
Silver	20.0	19.8		ug/L		99	85 _ 115	
Silver, Dissolved	20.0	19.8		ug/L		99	85 - 115	
Thallium	16.0	16.2		ug/L		101	85 - 115	
Thallium, Dissolved	16.0	16.2		ug/L		101	85 _ 115	
Vanadium	40.0	41.1		ug/L		103	85 - 115	
Vanadium, Dissolved	40.0	41.1		ug/L		103	85 - 115	
Molybdenum	40.0	41.1		ug/L		103	85 - 115	
Molybdenum, Dissolved	40.0	41.1		ug/L		103	85 - 115	
Zinc	40.0	38.8		ug/L		97	85 - 115	
Zinc, Dissolved	40.0	38.8		ug/L		97	85 - 115	

Client: Weston Solutions, Inc. Project/Site: Gold King Mine - Region 9

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-115416 Matrix: Water Analysis Batch: 395503							Clien	t Sampl	Prep Tyl Prep Ba	P-080815-11 be: Total/NA atch: 395259
A	Sample :	•	Spike		MS	1124	_	0/ D	%Rec.	
Analyte	0.40	Qualifier	Added	7.54	Qualifier	Unit	D	%Rec	70 - 130	
Antimony Disselved	0.40		20.0	7.54 7.54		ug/L		38 38	70 - 130 70 - 130	
Antimony, Dissolved	11	UFI	40.0	49.1	ГІ	ug/L			70 - 130 70 - 130	
Arsenic Discolude						ug/L		96		
Arsenic, Dissolved	11		40.0	49.1		ug/L		96	70 ₋ 130	
Barium Disaskust	490		40.0	471		ug/L		-55	70 ₋ 130	
Barium, Dissolved	490		40.0	471	4	ug/L		-55	70 ₋ 130	
Beryllium	1.4		20.0	21.9		ug/L		103	70 - 130	
Beryllium, Dissolved	1.4		20.0	21.9		ug/L		103	70 - 130	
Cadmium	0.35		20.0	19.7		ug/L		97	70 - 130	
Cadmium, Dissolved	0.35		20.0	19.7		ug/L		97	70 _ 130	
Chromium	14		40.0	50.1		ug/L		90	70 - 130	
Chromium, Dissolved	14		40.0	50.1		ug/L		90	70 - 130	
Cobalt	9.9		20.0	28.6		ug/L		94	70 - 130	
Cobalt, Dissolved	9.9		20.0	28.6		ug/L		94	70 - 130	
Copper	42		40.0	76.1		ug/L		85	70 - 130	
Copper, Dissolved	42		40.0	76.1		ug/L		85	70 - 130	
Lead	150		200	343		ug/L		95	70 - 130	
Lead, Dissolved	150		200	343		ug/L		95	70 - 130	
Manganese	570		200	738		ug/L		84	70 - 130	
Manganese, Dissolved	570		200	738		ug/L		84	70 - 130	
Nickel	13		40.0	49.3		ug/L		90	70 - 130	
Nickel, Dissolved	13		40.0	49.3		ug/L		90	70 - 130	
Selenium	0.74	j	40.0	42.1		ug/L		103	70 - 130	
Selenium, Dissolved	0.74	J	40.0	42.1		ug/L		103	70 - 130	
Silver	0.96	J	20.0	19.0		ug/L		90	70 - 130	
Silver, Dissolved	0.96	J	20.0	19.0		ug/L		90	70 - 130	
Thallium	0.30		16.0	15.9		ug/L		97	70 - 130	
Thallium, Dissolved	0.30		16.0	15.9		ug/L		97	70 - 130	
Vanadium	34		40.0	69.3		ug/L		87	70 - 130	
Vanadium, Dissolved	34		40.0	69.3		ug/L		87	70 ₋ 130	
Molybdenum	2.4		40.0	33.2		ug/L		77	70 - 130	
Molybdenum, Dissolved	2.4		40.0	33.2		ug/L		77	70 - 130	
Zinc		F1	40.0	161		ug/L		78	70 - 130	
Zinc, Dissolved	130		40.0	161		ug/L		78	70 - 130	

Lab Sample ID: 680-115416-1 MSD

Matrix: Water
Analysis Batch: 395503

Client	Sample	ID:	SJLP-	-0808	15-11	
		0000	500000	MINNE A	8 5 6 9 W	

Prep Type: Total/NA Prep Batch: 395259

								Prep Ba	itch: 39	35259
Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
0.40	U F1	20.0	7.66	F1	ug/L		38	70 - 130	2	20
0.40	U F1	20.0	7.66	F1	ug/L		38	70 - 130	2	20
11		40.0	49.7		ug/L		98	70 - 130	1	20
11		40.0	49.7		ug/L		98	70 - 130	1	20
490		40.0	423	4	ug/L		-176	70 - 130	11	20
490		40.0	423	4	ug/L		-176	70 - 130	11	20
1.4		20.0	22.0		ug/L		103	70 - 130	1	20
1.4		20.0	22.0		ug/L		103	70 - 130	1	20
	Result 0.40 0.40 11 11 490 490 1.4	11 490 490 1.4	Result 0.40 Qualifier UF1 Added 20.0 0.40 UF1 20.0 0.40 UF1 20.0 11 40.0 490 40.0 490 40.0 1.4 20.0	Result Qualifier Added Result 0.40 UF1 20.0 7.66 0.40 UF1 20.0 7.66 11 40.0 49.7 11 40.0 49.7 490 40.0 423 490 40.0 423 1.4 20.0 22.0	Result 0.40 Qualifier Added 20.0 Result 7.66 F1 0.40 UF1 20.0 7.66 F1 0.40 UF1 20.0 7.66 F1 11 40.0 49.7 490 40.0 423 4 490 40.0 423 4 1.4 20.0 22.0	Result Qualifier Added Result Qualifier Unit 0.40 U F1 20.0 7.66 F1 ug/L 0.40 U F1 20.0 7.66 F1 ug/L 11 40.0 49.7 ug/L 490 40.0 423 4 ug/L 490 40.0 423 4 ug/L 1.4 20.0 22.0 ug/L	Result 0.40 Qualifier 0.40 Added Pesult 0.40 Qualifier 0.40 Unit 0.40 D 0.40 0.40 UF1 20.0 7.66 F1 ug/L 0.40 UF1 20.0 7.66 F1 ug/L 11 40.0 49.7 ug/L 490 40.0 423 4 ug/L 490 40.0 423 4 ug/L 1.4 20.0 22.0 ug/L	Result Qualifier Added Output Result Qualifier Unit Upt D %Rec 0.40 UF1 20.0 7.66 F1 ug/L 38 0.40 UF1 20.0 7.66 F1 ug/L 38 11 40.0 49.7 ug/L 98 11 40.0 49.7 ug/L 98 490 40.0 423 4 ug/L -176 490 40.0 423 4 ug/L -176 1.4 20.0 22.0 ug/L 103	Sample Result Spike Qualifier MSD Added Result MSD Qualifier Unit Up/L D MRec Limits 0.40 UF1 20.0 7.66 F1 ug/L 38 70-130 0.40 UF1 20.0 7.66 F1 ug/L 38 70-130 11 40.0 49.7 ug/L 98 70-130 11 40.0 49.7 ug/L 98 70-130 490 40.0 423 4 ug/L -176 70-130 490 40.0 423 4 ug/L -176 70-130 1.4 20.0 22.0 ug/L 103 70-130	Result Qualifier Added Output Result Qualifier Unit Unit Unit Unit Unit Unit Unit Unit

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 9

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-115416 Matrix: Water Analysis Batch: 395503	S-1 MSD					Client Samp	e ID: SJL Prep Ty Prep Ba	pe: Tot	al/NA
Analysis Batch. 333303	Sample Sample	e Spike	MSD	MSD			%Rec.	aton. Ja	RPD
Analyte	Result Qualifi	•			Unit	D %Rec	Limits	RPD	Limit
Cadmium	0.35	20.0	20.1		ug/L		70 - 130	2	20
Cadmium, Dissolved	0.35	20.0	20.1		ug/L	99	70 - 130	2	20
Chromium	14	40.0	50.0		ug/L	89	70 - 130	0	20
Chromium, Dissolved	14	40.0	50.0		ug/L	89	70 - 130	0	20
Cobalt	9.9	20.0	28.3		ug/L	92	70 - 130	1	20
Cobalt, Dissolved	9.9	20.0	28.3		ug/L	92	70 - 130	1	20
Copper	42	40.0	75.4		ug/L	83	70 - 130	1	20
Copper, Dissolved	42	40.0	75.4		ug/L	83	70 - 130	1	20
Lead	150	200	346		ug/L	96	70 - 130	1	20
Lead, Dissolved	150	200	346		ug/L	96	70 - 130	1	20
Manganese	570	200	735		ug/L	83	70 - 130	0	20
Manganese, Dissolved	570	200	735		ug/L	83	70 - 130	0	20
Nickel	13	40.0	48.9		ug/L	89	70 - 130	1	20
Nickel, Dissolved	13	40.0	48.9		ug/L	89	70 - 130	1	20
Selenium	0.74 J	40.0	42.0		ug/L	103	70 - 130	0	20
Selenium, Dissolved	0.74 J	40.0	42.0		ug/L	103	70 - 130	0	20
Silver	0.96 J	20.0	19.3		ug/L	92	70 - 130	2	20
Silver, Dissolved	0.96 J	20.0	19.3		ug/L	92	70 - 130	2	20
Thallium	0.30	16.0	16.4		ug/L	100	70 - 130	3	20
Thallium, Dissolved	0.30	16.0	16.4		ug/L	100	70 _ 130	3	20
Vanadium	34	40.0	68.3		ug/L	85	70 - 130	1	20
Vanadium, Dissolved	34	40.0	68.3		ug/L	85	70 - 130	1	20
Molybdenum	2.4	40.0	34.8		ug/L	81	70 - 130	5	20
Molybdenum, Dissolved	2.4	40.0	34.8		ug/L	81	70 - 130	5	20
Zinc	130 F1	40.0	157	F1	ug/L	67	70 - 130	3	20
Zinc, Dissolved	130 F1	40.0	157	F1	ug/L	67	70 - 130	3	20

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Lab Sample ID: MB 680-395403/1

Matrix: Water

Analysis Batch: 395403

MB MB

Analysis Batch: Desired Outliffer Bloom Bl

 Analyte
 Result
 Qualifier
 RL
 RL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Total Hardness
 3.3
 U
 3.3
 3.3
 mg/L
 D
 Prepared
 Analyzed
 Dil Fac

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 680-395246/13-A

Matrix: Water

Analysis Batch: 395400

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 395246

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/10/15 09:17	08/10/15 15:11	1
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		08/10/15 09:17	08/10/15 15:11	1

Client: Weston Solutions, Inc.

Lab Sample ID: LCS 680-3	395246/15-A					CI	ient Saı	mple ID	: Lab Con	trol Sa	ample
Matrix: Water								•	Prep Typ		
Analysis Batch: 395400									Prep Ba	tch: 39	95246
•			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Mercury			2.50	2.63		ug/L		105	85 - 115		
Mercury, Dissolved			2.50	2.63		ug/L		105	85 _ 115		
Lab Sample ID: 680-11541	16-1 MS						Client	t Sampl	e ID: SJLF	P-0808	15-11
Matrix: Water									Prep Typ	e: Tot	al/NA
Analysis Batch: 395400									Prep Ba	tch: 39	95246
	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Mercury	0.080	U	1.00	1.13		ug/L		113	70 - 130		
Mercury, Dissolved	0.080	U	1.00	1.13		ug/L		113	70 - 130		
Lab Sample ID: 680-11541 Matrix: Water	16-1 MSD						Client	t Sampl	e ID: SJLF Prep Typ		
Analysis Batch: 395400									Prep Ba		
Allalysis Datcii. 330400	Samnle	Sample	Spike	MSD	MSD				%Rec.	COII. O	RPD
Analyte	=	Qualifier	Added		Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	0.080		1.00	1.04	Quanner			104	70 ₋ 130	9	20
•	0.080		1.00	1.04		ug/L ug/L		104	70 - 130 70 - 130	9	20
· · · · · · · · · · · · · · · · · · ·	Alkalinity	, Total									
Method: 2320B-2011 - Lab Sample ID: MB 680-3		, Total					Clie	ent Sam	iple ID: Me		
Method: 2320B-2011 - Lab Sample ID: MB 680-3 Matrix: Water		, Total					Clie	ent Sam	nple ID: Me Prep Typ		
Method: 2320B-2011 - Lab Sample ID: MB 680-39 Matrix: Water Analysis Batch: 395407		, Total					Clie	ent San	*		
Method: 2320B-2011 - Lab Sample ID: MB 680-39 Matrix: Water Analysis Batch: 395407	95407/6			RL	RL Unit				Prep Typ	e: Tot	:al/NA
Method: 2320B-2011 - Lab Sample ID: MB 680-39 Matrix: Water Analysis Batch: 395407 Analyte	95407/6	мв мв		RL 5.0	RL Unit 5.0 mg/L			ent Sam	*	e: Tot	:al/NA Dil Fac
Method: 2320B-2011 - Lab Sample ID: MB 680-38 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity	95407/6 Re	MB MB esult Qualifier					<u>D</u> P	repared	Analyz 08/10/15 1	ed 14:06	al/NA
Method: 2320B-2011 - Lab Sample ID: MB 680-39 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCS 680-3	95407/6 Re	MB MB esult Qualifier					<u>D</u> P	repared	Analyz 08/10/15 1	ed 14:06	Dil Fac
All Sample ID: MB 680-38 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCS 680-38 Matrix: Water	95407/6 Re	MB MB esult Qualifier					<u>D</u> P	repared	Analyz 08/10/15 1	ed 14:06	Dil Fac
Method: 2320B-2011 - Lab Sample ID: MB 680-39 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCS 680-3	95407/6 Re	MB MB esult Qualifier	Snike	5.0	5.0 mg/L		<u>D</u> P	repared	Analyz 08/10/15 1 : Lab Con Prep Typ	ed 14:06	Dil Fac
Method: 2320B-2011 - Lab Sample ID: MB 680-38 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCS 680-38 Matrix: Water Analysis Batch: 395407	95407/6 Re	MB MB esult Qualifier	Spike	5.0 LCS	5.0 mg/L	CI	D P	repared mple ID	Analyz 08/10/15 1 Lab Con Prep Typ %Rec.	ed 14:06	Dil Fac
Method: 2320B-2011 - Lab Sample ID: MB 680-38 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCS 680-38 Matrix: Water Analysis Batch: 395407 Analyte	95407/6 Re	MB MB esult Qualifier	Spike Added 250	5.0 LCS	5.0 mg/L		<u>D</u> P	repared	Analyz 08/10/15 1 : Lab Con Prep Typ	ed 14:06	Dil Fac
All Sample ID: MB 680-38 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCS 680-38 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity	95407/6 Re	MB MB esult Qualifier	Added	5.0 LCS	5.0 mg/L LCS Qualifier	Unit mg/L	D P ient Sai	mple ID WRec 101	Analyz O8/10/15 1 Lab Con Prep Typ %Rec. Limits 80 - 120	ed 14:06 trol Sa e: Tot	Dil Fac
All Sample ID: MB 680-38 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCS 680-38 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCS 680-39 Analyte Alkalinity Lab Sample ID: LCSD 680	95407/6 Re	MB MB esult Qualifier	Added	5.0 LCS	5.0 mg/L LCS Qualifier	Unit mg/L	D P ient Sai	mple ID WRec 101	Analyz O8/10/15 1 Lab Con Prep Typ %Rec. Limits 80 - 120 Control S	ed 14:06 trol Sape: Tot	Dil Fac
Alkalinity Lab Sample ID: MB 680-38 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCS 680-38 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCSD 680 Matrix: Water	95407/6 Re	MB MB esult Qualifier	Added	5.0 LCS	5.0 mg/L LCS Qualifier	Unit mg/L	D P ient Sai	mple ID WRec 101	Analyz O8/10/15 1 Lab Con Prep Typ %Rec. Limits 80 - 120	ed 14:06 trol Sape: Tot	Dil Fac
Alkalinity Lab Sample ID: MB 680-38 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCS 680-38 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCSD 680 Matrix: Water Analyte Alkalinity	95407/6 Re	MB MB esult Qualifier	Added	LCS Result 252	5.0 mg/L LCS Qualifier	Unit mg/L	D P ient Sar D Sample	mple ID *Rec 101 ID: Lab	Analyz O8/10/15 1 Lab Con Prep Typ %Rec. Limits 80 - 120 Control S	ed 14:06 trol Sape: Tot	Dil Factorian Factorian Pleample al/NA
Alkalinity Lab Sample ID: MB 680-38 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCS 680-38 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCSD 680 Matrix: Water Analyte Alkalinity Analyte Alkalinity Analyte Alkalinity Analyte Alkalinity Analyte Analysis Batch: 395407 Analyte	95407/6 Re	MB MB esult Qualifier	Added 250 Spike Added	LCS Result 252 LCSD Result	5.0 mg/L LCS Qualifier	Unit mg/L	D P ient Sar D Sample	mple ID WRec 101	Analyze 08/10/15 10: Lab Con-Prep Type %Rec. Limits 80 - 120 Control S Prep Type %Rec. Limits	ed 14:06 trol Sape: Tot	Dil Face 1 ample al/NA
Alkalinity Lab Sample ID: MB 680-38 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCS 680-38 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCSD 680 Matrix: Water Analyte Alkalinity Analyte Alkalinity Analyte Alkalinity Analyte Alkalinity Analyte Analysis Batch: 395407 Analyte	95407/6 Re	MB MB esult Qualifier	Added 250 Spike	LCS Result 252	5.0 mg/L LCS Qualifier	Unit mg/L	D P ient Sar D Sample	mple ID *Rec 101 ID: Lab	Analyzon 10/10/15 for the Conference of Control Solution of Control Solution (Control Solution) where the Control	ee: Toted id:06 trol Sae: Toted Sample ee: Toted	Dil Factorial Fa
Method: 2320B-2011 - Lab Sample ID: MB 680-38 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCS 680-38 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCSD 680 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCSD 680 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: 680-11541	95407/6 Re 395407/7	MB MB esult Qualifier	Added 250 Spike Added	LCS Result 252 LCSD Result	5.0 mg/L LCS Qualifier	Unit mg/L Client S	D P ient Sar D Sample	mple ID *Rec 101 ID: Lak	Analyz O8/10/15 1 Lab Con Prep Typ %Rec. Limits 80 - 120 Control S Prep Typ %Rec. Limits 80 - 120	ee: Tote ed 14:06 trol Sample ee: Tote RPD 3	e Dup
Method: 2320B-2011 - Lab Sample ID: MB 680-38 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCS 680-38 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCSD 680 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCSD 680 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: 680-11541 Matrix: Water	95407/6 Re 395407/7	MB MB esult Qualifier	Added 250 Spike Added	LCS Result 252 LCSD Result	5.0 mg/L LCS Qualifier	Unit mg/L Client S	D P ient Sar D Sample	mple ID *Rec 101 ID: Lak	Analyz 08/10/15 1 E Lab Con Prep Typ %Rec. Limits 80 - 120 Control S Prep Typ %Rec. Limits 80 - 120	ee: Tote ed 14:06 trol Sample ee: Tote RPD 3	e Dup
Alkalinity Lab Sample ID: MB 680-38 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCS 680-38 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCSD 680 Matrix: Water	95407/6 Re 395407/7	MB MB esult Qualifier 5.0 U	Added 250 Spike Added	LCS Result 252 LCSD Result 245	5.0 mg/L LCS Qualifier C LCSD Qualifier	Unit mg/L Client S	D P ient Sar D Sample	mple ID *Rec 101 ID: Lak	Analyz O8/10/15 1 Lab Con Prep Typ %Rec. Limits 80 - 120 Control S Prep Typ %Rec. Limits 80 - 120	ee: Tote ed 14:06 trol Sample ee: Tote RPD 3	al/NA Dil Fac ample al/NA RPD Limit 30 15-11
Analyte Alkalinity Lab Sample ID: LCS 680-3 Analyte Alkalinity Lab Sample ID: LCS 680-3 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCS 680-3 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: LCSD 680 Matrix: Water Analysis Batch: 395407 Analyte Alkalinity Lab Sample ID: 680-11541 Matrix: Water	95407/6 Re 395407/7 9-395407/31 16-2 DU Sample	MB MB esult Qualifier	Added 250 Spike Added	LCS Result 252 LCSD Result 245	5.0 mg/L LCS Qualifier	Unit mg/L Client S	D P ient Sar D Sample	mple ID *Rec 101 ID: Lak	Analyz O8/10/15 1 Lab Con Prep Typ %Rec. Limits 80 - 120 Control S Prep Typ %Rec. Limits 80 - 120	ee: Tote ed 14:06 trol Sample ee: Tote RPD 3	al/NA Dil Fac 1 ample al/NA e Dup al/NA RPD Limit 30

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115416-1

Matrix: Water Analysis Batch: 395262	Lab Sample ID: MB 680-395262/1								CI	lie	nt Sam	ple ID: M	ethod	Blan
Main May	Matrix: Water											•		
Analyte	Analysis Batch: 395262		MB	MB										
Total Suspended Solids	Analyte					RL	RL Unit		D	Pr	epared	Analy	zed	Dil Fa
Lab Sample ID: LCS 680-395262/2 Matrix: Water Analysis Batch: 395262 Sample ID: LCS 680-395262/3 Matrix: Water Analysis Batch: 395262 Sample ID: LCSD 680-395262/3 Matrix: Water Analysis Batch: 395262 Sample ID: LCSD 680-395262/3 Matrix: Water Analysis Batch: 395262 Sample ID: Bab											opurou	_		
Matrix: Water Analysis Batch: 395262 Spike Analyse Batch: 395262 Analyse Batch: 395262 Spike Analyse Batch: 395262 Analyse Batch: 395262 Spike Analyse Spike Spike Spike Spike Spike Spike	·						-							
Analysis Batch: 395262	-	2						Cli	ent S	an	nple ID			
Analyte	Analysis Batch: 395262													
Total Suspended Solids 20.0 18.5 mg/L 93 80-120					•									
Client Sample ID: Lock							Qualifier)				
Matrix: Water Analysis Batch: 395262 Analyte	Total Suspended Solids				20.0	18.5		mg/L			93	80 - 120		
Analysis Batch: 395262 Analyte	•	2/3					C	Client S	Sampl	е	ID: Lab			
Spike LCSD												,	, , ,	
Analyte					Spike	LCSD	LCSD					%Rec.		RP
Total Suspended Solids 20.0 19.5 mg/L 98 80.120 5	Analyte				Added	Result	Qualifier	Unit	[)	%Rec	Limits	RPD	Lim
Matrix: Water Analysis Batch: 395262 Sample Result Result Qualifier But Du Du Du Qualifier Unit Du Qualifier Unit Du Matrix: Water Analysis Batch: 395429 Client Sample ID: M8 680-395429/1 Matrix: Water Analysis Batch: 395429 MB MB MB Analyte Result Qualifier RL Qualifier RL Unit Du Prepared Analyze District Sample ID: Lab Control Sample ID: LCS 680-395429/2 Matrix: Water Analysis Batch: 395429 Client Sample ID: Lab Control Sample ID: Lab Control Sample ID: LCS 680-395429/2 Matrix: Water Analysis Batch: 395429 Spike Added Result Qualifier Unit Du Matrix: Water Analysis Batch: 395429 Client Sample ID: Lab Control Sample ID: Lab Control Sample ID: Lab Sample ID: Lab Control Sample ID: Lab Sample ID: LCSD 680-395429/3 Matrix: Water Analysis Batch: 395429 Spike LCS LCS Matrix: Water Analysis Batch: 395429 Client Sample ID: Lab Control Sample Prep Type: Total Sample ID: Lab Control Sample Matrix: Water Analysis Batch: 395429 Spike LCSD LCSD Color ID: Lab Control Sample Prep Type: Total Sample ID: Lab Control Sample Prep Type: Total Sample ID: Sample ID: Lab Control Sample ID: Sample ID: Sample ID: Sample Prep Type: Total Sample ID: Samp	-				20.0	19.5		mg/L		_	98	80 - 120	5	
Matrix: Water Analysis Batch: 395262 Sample Result Qualifier BU DU DU Qualifier Unit D Matrix: Water Analysis Batch: 395429 Client Sample ID: MB 680-395429/1 Matrix: Water Analysis Batch: 395429 MB MB Analyte Result Qualifier														
Analysis Batch: 395262 Analyte Result Qualifier Result Result Qualifier Result Result Qualifier Result Qualifier Result Qualifier Result Qualifier Result Qualifier Result Result Qualifier Result Result Qualifier Result Result Qualifier Result	•								Clie	nt	Sampl			
Sample Sample Result Qualifier Result Qualifier Result Qualifier Result Qualifier Result Qualifier Q												Prep Ty	pe: To	tal/N
Analyte														
Total Suspended Solids 1300 1350 mg/L 4		-		-					_					RF
Lab Sample ID: MB 680-395429/1 Matrix: Water Analysis Batch: 395429 MB	•		Qua	lifier			Qualifier			_				Lin
Matrix: Water Analysis Batch: 395429 MB MB MB MB Result Qualifier RL Unit D Prepared Prep Type: Total Suspended Solids 1.0 U 1.0 mg/L D Prepared Analyzed Dalayzed Dalayzed Dalayzed Client Sample ID: Lab Control Sample ID: Lab Contro	Total Suspended Solids	1300				1350		mg/L					4	
Analysis Batch: 395429 Analyte Result Qualifier RL Qualifier RL Unit D Prepared Analyzed D O8/11/15 08:37 Lab Sample ID: LCS 680-395429/2 Matrix: Water Analysis Batch: 395429 Analyte Spike LCS LCS Free Type: Total Suspended Solids Control Sample ID: LCS 680-395429/2 Matrix: Water Analysis Batch: 395429 Analyte Client Sample ID: Lab Control Sample ID: Lab Sample ID: Lab Control Sample ID: LCS 080-395429/3 Matrix: Water Analysis Batch: 395429 Analyte Spike LCS LCS Free Type: Total Suspended Solids Control Sample ID: LCSD 680-395429/3 Matrix: Water Analysis Batch: 395429 Analyte Added Result CSD LCSD Free Type: Total Suspended Solids Control Sample ID: Lab Sample ID: Lab Control Sample ID: LCSD 680-395429/3 Free Type: Total Suspended Solids Control Sample ID: LCSD Spike LCSD LCSD Free Type: Total Suspended Solids Control Sample ID: LCSD Spike LCSD LCSD Free Type: Total Suspended Solids Control Sample ID: Spike LCSD LCSD Free Type: Total Suspended Solids Control Sample ID: Spike LCSD LCSD Free Type: Total Suspended Solids Control Sample ID: Spike LCSD LCSD Free Type: Total Suspended Solids Control Sample ID: Spike LCSD LCSD Free Type: Total Suspended Solids Control Sample ID: Spike LCSD LCSD Free Type: Total Suspended Solids Control Sample ID: Spike LCSD LCSD Free Type: Total Suspended Solids Control Sample ID: Spike LCSD LCSD Free Type: Total Suspended Solids Control Sample ID: Spike LCSD LCSD Free Type: Total Suspended Solids Control Sample ID: Spike LCSD LCSD Free Type: Total Sample ID: Spike LCSD Free Type: Total Sample T	•								CI	lie	nt Sam			
Analyte												rieh iy	pe. 10	tai/iv
Total Suspended Solids	Analysis Daton. 000720		МВ	МВ										
Lab Sample ID: LCS 680-395429/2 Matrix: Water Analysis Batch: 395429 Spike LCS LCS	Analyte	Re	sult	Qualifier		RL	RL Unit		D	Pr	epared	Analya	zed	Dil Fa
Matrix: Water Prep Type: Total Analysis Batch: 395429 Analyte Added Result Res	Total Suspended Solids		1.0	U		1.0	1.0 mg/L					08/11/15	08:37	
Spike LCS LCS WRec.	•	2						Cli	ent S	an	nple ID			
Spike LCS LCS												Prep Ty	pe: To	tal/N
Analyte Added Result Qualifier Unit D Rec Limits Total Suspended Solids 20.0 18.5 mg/L 93 80 - 120 Lab Sample ID: LCSD 680-395429/3 Matrix: Water Analysis Batch: 395429 Spike LCSD LCSD Prep Type: Total Suspended Solids 20.0 21.0 mg/L 105 80 - 120 13 Lab Sample ID: 680-115416-2 DU Matrix: Water Analysis Batch: 395429 Sample Sample DU DU	Analysis Batch: 395429				.									
Total Suspended Solids 20.0 18.5 mg/L 93 80 - 120					-			11:4	,	_	0/ D			
Lab Sample ID: LCSD 680-395429/3 Matrix: Water Analysis Batch: 395429 Spike LCSD LCSD WRec. Analyte Added Result Qualifier Unit D WRec Limits RPD Total Suspended Solids 20.0 21.0 mg/L 105 80 - 120 13 Lab Sample ID: 680-115416-2 DU Client Sample ID: SJFP-08081 Matrix: Water Analysis Batch: 395429 Sample Sample DU DU	A I 4						Qualifier			<i>-</i>				
Matrix: Water Prep Type: Total Analysis Batch: 395429 Analyte Added Added Result Total Suspended Solids Added Added Result Total Suspended Solids Unit Description of the Matrix Report Total Suspended Solids Added Total Suspended Solids Unit Description of the Matrix Report Total Suspended Solids Client Sample ID: SJFP-08081 Client Sample ID: SJFP-08081 Matrix: Water Prep Type: Total Suspended Solids DU DU DU DU DU DU Client Sample ID: SJFP-08081 DU DU					20.0	10.5		mg/L			93	00 - 120		
Matrix: Water Prep Type: Total Analysis Batch: 395429 Analyte Added Result Total Suspended Solids Added Result Total Suspended Solids Qualifier Total Suspended Solids Unit Total Suspended Solids D WRec Limits RPD Total Suspended Solids RPD Total Suspended Solids Total Suspended Solids Client Sample ID: SJFP-08081 Sample ID: SJFP-08081 Prep Type: Total Suspended Solids DU DU DU DU Client Sample ID: SJFP-08081 DU DU DU DU Colient Sample ID: SJFP-08081 DU DU DU DU </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>'liant S</td> <td>Sampl</td> <td>۵</td> <td>ID: Lah</td> <td>Control</td> <td>Samnl</td> <td>e Du</td>								'liant S	Sampl	۵	ID: Lah	Control	Samnl	e Du
Spike LCSD LCSD WRec.	Total Suspended Solids	3/3					(-	This is minuted			
Spike LCSD LCSD	Total Suspended Solids Lab Sample ID: LCSD 680-395429	9/3					(Ment c					00: :0	*******
Analyte Added Result Qualifier Unit D MRec Limits RPD Total Suspended Solids 20.0 21.0 21.0 mg/L 105 80 - 120 13 Lab Sample ID: 680-115416-2 DU Matrix: Water Analysis Batch: 395429 Sample Sample DU DU	Total Suspended Solids Lab Sample ID: LCSD 680-395429 Matrix: Water	9/3					(ment c	•					
Lab Sample ID: 680-115416-2 DU Client Sample ID: SJFP-08081 Matrix: Water Prep Type: Tota Analysis Batch: 395429 Sample Sample DU DU	Total Suspended Solids Lab Sample ID: LCSD 680-395429 Matrix: Water	9/3			Spike	LCSD		, ileiic	*			%Rec.		RP
Matrix: Water Analysis Batch: 395429 Sample Sample DU DU	Total Suspended Solids Lab Sample ID: LCSD 680-395429 Matrix: Water Analysis Batch: 395429	9/3					LCSD		•)	%Rec		RPD	
Analysis Batch: 395429 Sample Sample DU DU	Total Suspended Solids Lab Sample ID: LCSD 680-395429 Matrix: Water Analysis Batch: 395429 Analyte	9/3			Added	Result	LCSD	Unit	•)		Limits		Lim
Sample Sample DU DU	Total Suspended Solids Lab Sample ID: LCSD 680-395429 Matrix: Water Analysis Batch: 395429 Analyte Total Suspended Solids Lab Sample ID: 680-115416-2 DU				Added	Result	LCSD	Unit		_	105	Limits 80 - 120 e ID: SJF	13 P-0808	Lin 315-1
·	Total Suspended Solids Lab Sample ID: LCSD 680-395429 Matrix: Water Analysis Batch: 395429 Analyte Total Suspended Solids Lab Sample ID: 680-115416-2 DU Matrix: Water				Added	Result	LCSD	Unit		_	105	Limits 80 - 120 e ID: SJF	13 P-0808	Lin : :315-1
Analyte Begult Qualifier Booult Qualifier Unit D BBB	Total Suspended Solids Lab Sample ID: LCSD 680-395429 Matrix: Water Analysis Batch: 395429 Analyte Total Suspended Solids Lab Sample ID: 680-115416-2 DU Matrix: Water Analysis Batch: 395429				Added	Result 21.0	LCSD Qualifier	Unit		_	105	Limits 80 - 120 e ID: SJF	13 P-0808	Lim 2 315-1 tal/N
Analyte Result Qualifier Result Qualifier Unit D RPD Total Suspended Solids 680 660 mg/L 4	Total Suspended Solids Lab Sample ID: LCSD 680-395429 Matrix: Water Analysis Batch: 395429 Analyte Total Suspended Solids Lab Sample ID: 680-115416-2 DU Matrix: Water Analysis Batch: 395429 Sa	ample			Added	Result 21.0 DU	LCSD Qualifier DU	Unit mg/L	Clie	nt	105	Limits 80 - 120 e ID: SJF	13 P-0808 pe: To	

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115416-1

Lab Sample ID: MB 680-395305/1							Cli	ent San	iple ID: Me	ethod	Blank
Matrix: Water									Prep Typ		
Analysis Batch: 395305											
, and the second	MB	MB									
Analyte	Result	Qualifier		RL	RL Un	it	D F	Prepared	Analyz	ed	Dil Fac
Total Dissolved Solids	5.0	U		5.0	5.0 mg	Ĺ			08/10/15 1	11:46	1
Lab Sample ID: LCS 680-395305/2						CI	ient Sa	mple ID	: Lab Con	trol S	ample
Matrix: Water								*	Prep Typ		
Analysis Batch: 395305											
•			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifie	r Unit	D	%Rec	Limits		
Total Dissolved Solids			51.0	50.0		mg/L		98	80 - 120		
Lab Sample ID: LCSD 680-395305/ Matrix: Water	3					Client	Sample	: ID: Lak	Control S Prep Typ		
Analysis Batch: 395305											
			Spike		LCSD				%Rec.		RPD
Analyte			Added		Qualifie		D		Limits	RPD	Limit
Total Dissolved Solids			51.0	52.0		mg/L		102	80 - 120	4	25
Method: 4500 H+ B-2011 - pH											
Lab Sample ID: LCS 680-395386/3 Matrix: Water						Cl	ient Sa	mple ID	: Lab Con Prep Typ		
Analysis Batch: 395386											
			Spike		LCS				%Rec.		
Analyte			Added		Qualifie		D		Limits		
рН			7.00	7.050	1	SU		101	63 - 158		
Lab Sample ID: 680-115416-2 DU							Clien	t Sampl	le ID: SJFF	°-0808	315-11
** . * ** **									D T	A . W	+-I/NIA
Matrix: Water Analysis Batch: 395386									Prep Typ	e: IO	Lall IVA

DU DU

8.060

Result Qualifier Unit

SU

D

Sample Sample

8.06 HF

Result Qualifier

TestAmerica Savannah

RPD

RPD Limit

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115416-1

Metals

Prep Batch: 395246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115416-1	SJLP-080815-11	Dissolved	Water	245.1	
680-115416-1	SJLP-080815-11	Total/NA	Water	245.1	
680-115416-1 MS	SJLP-080815-11	Total/NA	Water	245.1	
680-115416-1 MSD	SJLP-080815-11	Total/NA	Water	245.1	
680-115416-2	SJFP-080815-11	Dissolved	Water	245.1	
680-115416-2	SJFP-080815-11	Total/NA	Water	245.1	
680-115416-3	SJHB-080815-11	Dissolved	Water	245.1	
680-115416-3	SJHB-080815-11	Total/NA	Water	245.1	
680-115416-4	SJSR-080815-11	Dissolved	Water	245.1	
680-115416-4	SJSR-080815-11	Total/NA	Water	245.1	
680-115416-5	10-25_20150807_RS	Dissolved	Water	245.1	
680-115416-5	10-25_20150807_RS	Total/NA	Water	245.1	
LCS 680-395246/15-A	Lab Control Sample	Total/NA	Water	245.1	
MB 680-395246/13-A	Method Blank	Total/NA	Water	245.1	

Prep Batch: 395259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115416-1	SJLP-080815-11	Dissolved	Water	200	
680-115416-1	SJLP-080815-11	Total/NA	Water	200	
680-115416-1 MS	SJLP-080815-11	Total/NA	Water	200	
680-115416-1 MSD	SJLP-080815-11	Total/NA	Water	200	
680-115416-2	SJFP-080815-11	Dissolved	Water	200	
680-115416-2	SJFP-080815-11	Total/NA	Water	200	
680-115416-3	SJHB-080815-11	Dissolved	Water	200	
680-115416-3	SJHB-080815-11	Total/NA	Water	200	
680-115416-4	SJSR-080815-11	Dissolved	Water	200	
680-115416-4	SJSR-080815-11	Total/NA	Water	200	
680-115416-5	10-25_20150807_RS	Dissolved	Water	200	
680-115416-5	10-25_20150807_RS	Total/NA	Water	200	
LCS 680-395259/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-395259/1-A	Method Blank	Total/NA	Water	200	

Prep Batch: 395264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115416-1	SJLP-080815-11	Dissolved	Water	200	
680-115416-1	SJLP-080815-11	Total/NA	Water	200	
680-115416-1 MS	SJLP-080815-11	Total/NA	Water	200	
680-115416-1 MSD	SJLP-080815-11	Total/NA	Water	200	
680-115416-2	SJFP-080815-11	Dissolved	Water	200	
680-115416-2	SJFP-080815-11	Total/NA	Water	200	
680-115416-3	SJHB-080815-11	Dissolved	Water	200	
680-115416-3	SJHB-080815-11	Total/NA	Water	200	
680-115416-4	SJSR-080815-11	Dissolved	Water	200	
680-115416-4	SJSR-080815-11	Total/NA	Water	200	
680-115416-5	10-25_20150807_RS	Dissolved	Water	200	
680-115416-5	10-25_20150807_RS	Total/NA	Water	200	
LCS 680-395264/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-395264/1-A	Method Blank	Total/NA	Water	200	

Client: Weston Solutions, Inc. Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115416-1

Metals (Continued)

Analysis Batch: 395400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115416-1	SJLP-080815-11	Dissolved	Water	245.1	395246
680-115416-1	SJLP-080815-11	Total/NA	Water	245.1	395246
680-115416-1 MS	SJLP-080815-11	Total/NA	Water	245.1	395246
680-115416-1 MSD	SJLP-080815-11	Total/NA	Water	245.1	395246
680-115416-2	SJFP-080815-11	Dissolved	Water	245.1	395246
680-115416-2	SJFP-080815-11	Total/NA	Water	245.1	395246
680-115416-3	SJHB-080815-11	Dissolved	Water	245.1	395246
680-115416-3	SJHB-080815-11	Total/NA	Water	245.1	395246
680-115416-4	SJSR-080815-11	Dissolved	Water	245.1	395246
680-115416-4	SJSR-080815-11	Total/NA	Water	245.1	395246
680-115416-5	10-25_20150807_RS	Dissolved	Water	245.1	395246
680-115416-5	10-25_20150807_RS	Total/NA	Water	245.1	395246
LCS 680-395246/15-A	Lab Control Sample	Total/NA	Water	245.1	395246
MB 680-395246/13-A	Method Blank	Total/NA	Water	245.1	395246

Analysis Batch: 395402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115416-1	SJLP-080815-11	Dissolved	Water	200.7 Rev 4.4	395264
680-115416-1	SJLP-080815-11	Total/NA	Water	200.7 Rev 4.4	395264
680-115416-1 MS	SJLP-080815-11	Total/NA	Water	200.7 Rev 4.4	395264
680-115416-1 MSD	SJLP-080815-11	Total/NA	Water	200.7 Rev 4.4	395264
680-115416-2	SJFP-080815-11	Dissolved	Water	200.7 Rev 4.4	395264
680-115416-2	SJFP-080815-11	Total/NA	Water	200.7 Rev 4.4	395264
680-115416-3	SJHB-080815-11	Dissolved	Water	200.7 Rev 4.4	395264
680-115416-3	SJHB-080815-11	Total/NA	Water	200.7 Rev 4.4	395264
680-115416-4	SJSR-080815-11	Dissolved	Water	200.7 Rev 4.4	395264
680-115416-4	SJSR-080815-11	Total/NA	Water	200.7 Rev 4.4	395264
680-115416-5	10-25_20150807_RS	Dissolved	Water	200.7 Rev 4.4	395264
680-115416-5	10-25_20150807_RS	Total/NA	Water	200.7 Rev 4.4	395264
LCS 680-395264/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	395264
MB 680-395264/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	395264

Analysis Batch: 395403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115416-1	SJLP-080815-11	Total/NA	Water	2340B-2011	-
680-115416-2	SJFP-080815-11	Total/NA	Water	2340B-2011	
680-115416-3	SJHB-080815-11	Total/NA	Water	2340B-2011	
680-115416-4	SJSR-080815-11	Total/NA	Water	2340B-2011	
680-115416-5	10-25_20150807_RS	Total/NA	Water	2340B-2011	
MB 680-395403/1	Method Blank	Total/NA	Water	2340B-2011	

Analysis Batch: 395503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115416-1	SJLP-080815-11	Dissolved	Water	200.8	395259
680-115416-1	SJLP-080815-11	Total/NA	Water	200.8	395259
680-115416-1 MS	SJLP-080815-11	Total/NA	Water	200.8	395259
680-115416-1 MSD	SJLP-080815-11	Total/NA	Water	200.8	395259
680-115416-2	SJFP-080815-11	Dissolved	Water	200.8	395259
680-115416-2	SJFP-080815-11	Total/NA	Water	200.8	395259
680-115416-3	SJHB-080815-11	Dissolved	Water	200.8	395259
680-115416-3	SJHB-080815-11	Total/NA	Water	200.8	395259

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

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Analysis	Batch:	395503	(Conti	nued)
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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115416-4	SJSR-080815-11	Dissolved	Water	200.8	395259
680-115416-4	SJSR-080815-11	Total/NA	Water	200.8	395259
680-115416-5	10-25_20150807_RS	Dissolved	Water	200.8	395259
680-115416-5	10-25_20150807_RS	Total/NA	Water	200.8	395259
LCS 680-395259/2-A	Lab Control Sample	Total/NA	Water	200.8	395259
MB 680-395259/1-A	Method Blank	Total/NA	Water	200.8	395259

General Chemistry

Analysis Batch: 395262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115416-1	SJLP-080815-11	Total/NA	Water	2540 D-2011	
680-115416-1 DU	SJLP-080815-11	Total/NA	Water	2540 D-2011	
LCS 680-395262/2	Lab Control Sample	Total/NA	Water	2540 D-2011	
LCSD 680-395262/3	Lab Control Sample Dup	Total/NA	Water	2540 D-2011	
MB 680-395262/1	Method Blank	Total/NA	Water	2540 D-2011	

Analysis Batch: 395305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115416-1	SJLP-080815-11	Total/NA	Water	2540C-2011	
680-115416-2	SJFP-080815-11	Total/NA	Water	2540C-2011	
680-115416-3	SJHB-080815-11	Total/NA	Water	2540C-2011	
680-115416-4	SJSR-080815-11	Total/NA	Water	2540C-2011	
680-115416-5	10-25_20150807_RS	Total/NA	Water	2540C-2011	
LCS 680-395305/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-395305/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
MB 680-395305/1	Method Blank	Total/NA	Water	2540C-2011	

Analysis Batch: 395386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115416-1	SJLP-080815-11	Total/NA	Water	4500 H+ B-2011	
680-115416-2	SJFP-080815-11	Total/NA	Water	4500 H+ B-2011	
680-115416-2 DU	SJFP-080815-11	Total/NA	Water	4500 H+ B-2011	
680-115416-3	SJHB-080815-11	Total/NA	Water	4500 H+ B-2011	
680-115416-4	SJSR-080815-11	Total/NA	Water	4500 H+ B-2011	
680-115416-5	10-25_20150807_RS	Total/NA	Water	4500 H+ B-2011	
LCS 680-395386/3	Lab Control Sample	Total/NA	Water	4500 H+ B-2011	

Analysis Batch: 395407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115416-1	SJLP-080815-11	Total/NA	Water	2320B-2011	
680-115416-2	SJFP-080815-11	Total/NA	Water	2320B-2011	
680-115416-2 DU	SJFP-080815-11	Total/NA	Water	2320B-2011	
680-115416-3	SJHB-080815-11	Total/NA	Water	2320B-2011	
680-115416-4	SJSR-080815-11	Total/NA	Water	2320B-2011	
680-115416-5	10-25_20150807_RS	Total/NA	Water	2320B-2011	
LCS 680-395407/7	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-395407/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
MB 680-395407/6	Method Blank	Total/NA	Water	2320B-2011	

TestAmerica Savannah

TestAmerica Job ID: 680-115416-1

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115416-1

General Chemistry (Continued)

Analysis Batch: 395429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115416-2	SJFP-080815-11	Total/NA	Water	2540 D-2011	-
680-115416-2 DU	SJFP-080815-11	Total/NA	Water	2540 D-2011	
680-115416-3	SJHB-080815-11	Total/NA	Water	2540 D-2011	
680-115416-4	SJSR-080815-11	Total/NA	Water	2540 D-2011	
680-115416-5	10-25_20150807_RS	Total/NA	Water	2540 D-2011	
LCS 680-395429/2	Lab Control Sample	Total/NA	Water	2540 D-2011	
LCSD 680-395429/3	Lab Control Sample Dup	Total/NA	Water	2540 D-2011	
MB 680-395429/1	Method Blank	Total/NA	Water	2540 D-2011	

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115416-1

Lab Sample ID: 680-115416-1

Matrix: Water

Client Sample ID: SJLP-080815-11

Date Collected: 08/08/15 15:32 Date Received: 08/10/15 07:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200			50 mL	50 mL	395264	08/10/15 09:56		TAL SAV
Dissolved	Analysis Instrumer	200.7 Rev 4.4 nt ID: ICPE		1	50 mL	50 mL	395402	08/10/15 16:52	ВСВ	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	395264	08/10/15 09:56	BJB	TAL SAV
Total/NA	Analysis Instrumer	200.7 Rev 4.4 nt ID: ICPE		1	50 mL	50 mL	395402	08/10/15 15:22	BCB	TAL SAV
Dissolved	Prep	200			50 mL	50 mL	395259	08/10/15 09:56	BJB	TAL SAV
Dissolved	Analysis Instrumer	200.8 nt ID: ICPMSC		1	50 mL	50 mL	395503	08/11/15 11:11	BWR	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	395259	08/10/15 09:56	BJB	TAL SAV
Total/NA	Analysis Instrumer	200.8 nt ID: ICPMSC		1	50 mL	50 mL	395503	08/11/15 09:29	BWR	TAL SAV
Total/NA	Analysis Instrumer	2340B-2011 nt ID: ICPE		1			395403	08/10/15 15:22	ВСВ	TAL SAV
Dissolved	Prep	245.1			50 mL	50 mL	395246	08/10/15 12:21	JKL	TAL SAV
Dissolved	Analysis Instrumer	245.1 nt ID: LEEMAN2		1	50 mL	50 mL	395400	08/10/15 16:28	BCB	TAL SAV
Total/NA	Prep	245.1			50 mL	50 mL	395246	08/10/15 09:17	JKL	TAL SAV
Total/NA	Analysis Instrumer	245.1 nt ID: LEEMAN2		1	50 mL	50 mL	395400	08/10/15 15:21	BCB	TAL SAV
Total/NA	Analysis Instrumer	2320B-2011 nt ID: MANTECH		1			395407	08/10/15 16:07	DAM	TAL SAV
Total/NA	Analysis Instrumer	2540 D-2011 nt ID: NOEQUIP		1	50 mL	1000 mL	395262	08/10/15 09:56	DAM	TAL SAV
Total/NA	Analysis Instrumer	2540C-2011 nt ID: NOEQUIP		1	50 mL	100 mL	395305	08/10/15 11:46	DAM	TAL SAV
Total/NA	Analysis Instrumer	4500 H+ B-2011 nt ID: MANTECH		1			395386	08/10/15 16:07	OLB	TAL SAV

Client Sample ID: SJFP-080815-11

Date Collected: 08/08/15 18:40 Date Received: 08/10/15 07:45

Lab	Sample	ID:	680-115416-2
			Matrix: Water

Prep Type	Batch	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Type Prep	200	— Kuii	- actor	50 mL	50 mL	395264	08/10/15 09:56	BJB	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4 nt ID: ICPE		1	50 mL	50 mL	395402	08/10/15 16:55		TAL SAV
Total/NA	Prep	200			50 mL	50 mL	395264	08/10/15 09:56	BJB	TAL SAV
Total/NA	Analysis Instrume	200.7 Rev 4.4 nt ID: ICPE		1	50 mL	50 mL	395402	08/10/15 15:33	BCB	TAL SAV
Dissolved	Prep	200			50 mL	50 mL	395259	08/10/15 09:56	BJB	TAL SAV
Dissolved	Analysis Instrume	200.8 nt ID: ICPMSC		1	50 mL	50 mL	395503	08/11/15 11:15	BWR	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	395259	08/10/15 09:56	BJB	TAL SAV

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115416-1

Client Sample ID: SJFP-080815-11 Lab Sample ID: 680-115416-2

Date Collected: 08/08/15 18:40 Matrix: Water

Date Received: 08/10/15 07:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis Instrumer	200.8 at ID: ICPMSC		1	50 mL	50 mL	395503	08/11/15 09:50	BWR	TAL SAV
Total/NA	Analysis Instrumer	2340B-2011 at ID: ICPE		1			395403	08/10/15 15:33	BCB	TAL SAV
Dissolved	Prep	245.1			50 mL	50 mL	395246	08/10/15 12:21	JKL	TAL SAV
Dissolved	Analysis Instrumer	245.1 nt ID: LEEMAN2		1	50 mL	50 mL	395400	08/10/15 16:31	BCB	TAL SAV
Total/NA	Prep	245.1			50 mL	50 mL	395246	08/10/15 09:17	JKL	TAL SAV
Total/NA	Analysis Instrumer	245.1 nt ID: LEEMAN2		1	50 mL	50 mL	395400	08/10/15 15:30	BCB	TAL SAV
Total/NA	Analysis Instrumer	2320B-2011 nt ID: MANTECH		1			395407	08/10/15 16:14	DAM	TAL SAV
Total/NA	Analysis Instrumer	2540 D-2011 nt ID: NOEQUIP		1	50 mL	1000 mL	395429	08/11/15 08:37	DAM	TAL SAV
Total/NA	Analysis Instrumer	2540C-2011 nt ID: NOEQUIP		1	50 mL	100 mL	395305	08/10/15 11:46	DAM	TAL SAV
Total/NA	Analysis Instrumer	4500 H+ B-2011 at ID: MANTECH		1			395386	08/10/15 16:14	OLB	TAL SAV

Client Sample ID: SJHB-080815-11 Lab Sample ID: 680-115416-3

Date Collected: 08/08/15 19:10 Date Received: 08/10/15 07:45

Batch Batch Dil Initial Final Batch Prepared Method Amount Amount Number Prep Type Type Run **Factor** or Analyzed Analyst Lab Dissolved Prep 200 50 mL 50 mL 395264 08/10/15 09:56 BJB TAL SAV Dissolved Analysis 200.7 Rev 4.4 1 50 mL 50 mL 395402 08/10/15 16:59 BCB TAL SAV Instrument ID: ICPE Total/NA 200 TAL SAV Prep 50 mL 50 mL 395264 08/10/15 09:56 BJB Total/NA 50 mL 50 mL 395402 Analysis 200.7 Rev 4.4 1 08/10/15 15:37 BCB TAL SAV Instrument ID: ICPE Dissolved 200 50 mL 50 mL 395259 08/10/15 09:56 BJB TAL SAV Prep Dissolved Analysis 200.8 50 mL 50 mL 395503 08/11/15 11:20 BWR TAL SAV Instrument ID: ICPMSC Total/NA 200 50 mL 50 mL 395259 08/10/15 09:56 BJB TAL SAV Prep Total/NA 200.8 50 mL 50 mL 395503 08/11/15 09:54 BWR TAL SAV Analysis 1 Instrument ID: ICPMSC Total/NA 2340B-2011 395403 08/10/15 15:37 BCB TAL SAV Analysis 1 Instrument ID: ICPE Dissolved Prep 245.1 50 mL 50 mL 395246 08/10/15 12:21 JKL TAL SAV Dissolved Analysis 245.1 1 50 mL 50 mL 395400 08/10/15 16:35 BCB TAL SAV Instrument ID: LEEMAN2 Total/NA Prep 245.1 50 mL 50 mL 395246 08/10/15 09:17 JKL TAL SAV Total/NA 50 mL 50 mL 395400 TAL SAV Analysis 245.1 1 08/10/15 15:33 BCB Instrument ID: LEEMAN2

TestAmerica Savannah

Matrix: Water

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115416-1

Client Sample ID: SJHB-080815-11 Lab Sample ID: 680-115416-3

Date Collected: 08/08/15 19:10 Matrix: Water Date Received: 08/10/15 07:45

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis Instrumer	2320B-2011 nt ID: MANTECH		1			395407	08/10/15 16:32	DAM	TAL SAV
Total/NA	Analysis Instrumer	2540 D-2011 nt ID: NOEQUIP		1	30 mL	1000 mL	395429	08/11/15 08:37	DAM	TAL SAV
Total/NA	Analysis Instrumer	2540C-2011 nt ID: NOEQUIP		1	50 mL	100 mL	395305	08/10/15 11:46	DAM	TAL SAV
Total/NA	Analysis Instrumer	4500 H+ B-2011 nt ID: MANTECH		1			395386	08/10/15 16:32	OLB	TAL SAV

Date Collected: 08/08/15 19:34 Matrix: Water Date Received: 08/10/15 07:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200			50 mL	50 mL	395264	08/10/15 09:56	BJB	TAL SAV
Dissolved	Analysis Instrumen	200.7 Rev 4.4 at ID: ICPE		1	50 mL	50 mL	395402	08/10/15 17:03	ВСВ	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	395264	08/10/15 09:56	BJB	TAL SAV
Total/NA	Analysis Instrumen	200.7 Rev 4.4 at ID: ICPE		1	50 mL	50 mL	395402	08/10/15 15:41	BCB	TAL SAV
Dissolved	Prep	200			50 mL	50 mL	395259	08/10/15 09:56	BJB	TAL SAV
Dissolved	Analysis Instrumen	200.8 at ID: ICPMSC		1	50 mL	50 mL	395503	08/11/15 11:24	BWR	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	395259	08/10/15 09:56	ВЈВ	TAL SAV
Total/NA	Analysis Instrumen	200.8 at ID: ICPMSC		1	50 mL	50 mL	395503	08/11/15 10:07	BWR	TAL SAV
Total/NA	Analysis Instrumen	2340B-2011 nt ID: ICPE		1			395403	08/10/15 15:41	ВСВ	TAL SAV
Dissolved	Prep	245.1			50 mL	50 mL	395246	08/10/15 12:21	JKL	TAL SAV
Dissolved	Analysis Instrumen	245.1 nt ID: LEEMAN2		1	50 mL	50 mL	395400	08/10/15 16:38	ВСВ	TAL SAV
Total/NA	Prep	245.1			50 mL	50 mL	395246	08/10/15 09:17	JKL	TAL SAV
Total/NA	Analysis Instrumen	245.1 nt ID: LEEMAN2		1	50 mL	50 mL	395400	08/10/15 15:36	ВСВ	TAL SAV
Total/NA	Analysis Instrumen	2320B-2011 nt ID: MANTECH		1			395407	08/10/15 16:38	DAM	TAL SAV
Total/NA	Analysis Instrumen	2540 D-2011 at ID: NOEQUIP		1	30 mL	1000 mL	395429	08/11/15 08:37	DAM	TAL SAV
Total/NA	Analysis Instrumen	2540C-2011 nt ID: NOEQUIP		1	50 mL	100 mL	395305	08/10/15 11:46	DAM	TAL SAV
Total/NA	Analysis Instrumen	4500 H+ B-2011 at ID: MANTECH		1			395386	08/10/15 16:38	OLB	TAL SAV

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115416-1

Date Collected: 08/07/15 11:30 Matrix: Water Date Received: 08/10/15 07:45

	Batch Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Dissolved	Prep 200			50 mL	50 mL	395264	08/10/15 09:56	BJB	TAL SAV
Dissolved	Analysis 200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	395402	08/10/15 17:07	BCB	TAL SAV
Total/NA	Prep 200			50 mL	50 mL	395264	08/10/15 09:56	BJB	TAL SAV
Total/NA	Analysis 200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	395402	08/10/15 15:45	BCB	TAL SAV
Dissolved	Prep 200			50 mL	50 mL	395259	08/10/15 09:56	ВЈВ	TAL SAV
Dissolved	Analysis 200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	395503	08/11/15 11:28	BWR	TAL SAV
Total/NA	Prep 200			50 mL	50 mL	395259	08/10/15 09:56	BJB	TAL SAV
Total/NA	Analysis 200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	395503	08/11/15 10:11	BWR	TAL SAV
Total/NA	Analysis 2340B-2011 Instrument ID: ICPE		1			395403	08/10/15 15:45	ВСВ	TAL SAV
Dissolved	Prep 245.1			50 mL	50 mL	395246	08/10/15 12:21	JKL	TAL SAV
Dissolved	Analysis 245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	395400	08/10/15 16:41	ВСВ	TAL SAV
Total/NA	Prep 245.1			50 mL	50 mL	395246	08/10/15 09:17	JKL	TAL SAV
Total/NA	Analysis 245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	395400	08/10/15 15:39	BCB	TAL SAV
Total/NA	Analysis 2320B-2011 Instrument ID: MANTECH	l	1			395407	08/10/15 16:47	DAM	TAL SAV
Total/NA	Analysis 2540 D-2011 Instrument ID: NOEQUIP		1	30 mL	1000 mL	395429	08/11/15 08:37	DAM	TAL SAV
Total/NA	Analysis 2540C-2011 Instrument ID: NOEQUIP		1	50 mL	100 mL	395305	08/10/15 11:46	DAM	TAL SAV
Total/NA	Analysis 4500 H+ B-2011 Instrument ID: MANTECH		1			395386	08/10/15 16:47	OLB	TAL SAV

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Serial Number 98497

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Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 680-115416-1

Login Number: 115416 List Source: TestAmerica Savannah

List Number: 1

Creator: Ragnaldsen, Amy E

Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	No client information listed on COC
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Certification Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115416-1

Laboratory: TestAmerica Savannah

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New Mexico	State Program	6	N/A	06-30-16